

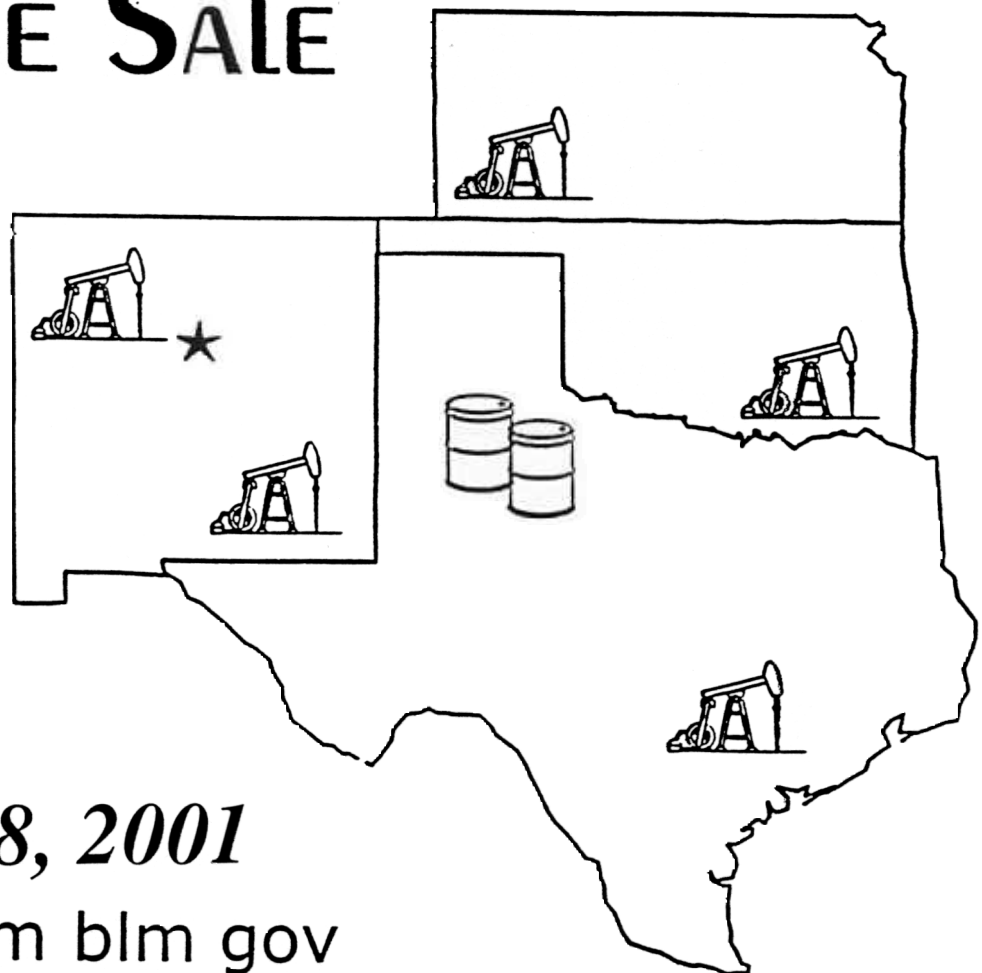
NEW MEXICO STATE Office

P.O. Box 27115

SANTA FE, NM 87502-0115



# COMPETITIVE Oil & Gas LEASE SALE



*July 18, 2001*

www.nm.blm.gov

Bureau of Land Management

1474 Rodeo Road

Santa Fe NM



## United States Department of the Interior

Bureau of Land Management

New Mexico State Office

1474 Rodeo Road

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

IN REPLY REFER TO:  
3120 (93200-gsb)

### NOTICE OF COMPETITIVE LEASE SALE

Oil and Gas

#### SALE LOCATION ADDRESS

Bureau of Land Management

1474 Rodeo Road

Santa Fe, New Mexico 87505

Notice is hereby given that on **July 18, 2001**, the U.S. Department of the Interior, Bureau of Land Management, New Mexico State Office, will offer for competitive sale, pursuant to 43 CFR Part 3120 and procedures herein, certain Federal lands for oil and gas leasing.

**LOCATION:** The sale will be held in the second floor conference room, at the Bureau of Land Management, 1474 Rodeo Road, Santa Fe, New Mexico, 87505. You must be present to bid.

**TIME:** The competitive oral auction will commence at 9 a.m. on **July 18, 2001**. The sale room will be open to the public one hour prior to the time indicated above, to allow each interested party time to obtain a bidding number from authorized Bureau personnel.

**REGISTRATION AND BIDDING NUMBERS:** Bidders will be required to obtain a bidding number prior to making any bid. Registration of bidders is required to speed paperwork and will commence at 8 a.m., July 18, 2001.

**LANDS OFFERED:** The lands to be offered are described herein. Parcels will be offered for oral bid in the order shown in this Notice of Competitive Lease Sale.

**TERMS OF LEASE:** Leases awarded as a result of this oral auction will be for a primary term of 10 years, and so long thereafter as there is production in paying quantities. The royalty will be at a flat rate of 12-1/2 percent of the value or the amount of production removed or sold from the lease. Other terms of the lease are specified on the standard lease (Form 3100-11b, October 1992 edition).

**OTHER CONDITIONS:** Specific surface use stipulations, where applicable, are specified for each parcel in this Notice of Competitive Lease Sale. Such stipulations shall become part of the lease and shall supersede any inconsistent provisions of the lease form. General surface use requirements are contained in law and regulation. Further details regarding the stipulations can be obtained from the New Mexico State Office.

**MINIMUM BID:** The minimum acceptable bonus bid will be the lump sum equivalent of \$2 per acre or fraction thereof.

**METHOD OF BIDDING:** All bids shall be made orally and be based on a per-acre basis for the entire acreage in the parcel and not on the total bid amount. The bid must be rounded up to the next whole acre if fractional acreage is involved, e.g., a parcel of 644.38 acres will require a minimum bid of at least \$1,290.00 (\$2 X 645 acres) to open the bidding process.

**FRACTIONAL INTERESTS:** For some of the parcels, as indicated in the list, the United States holds less than 100 percent of the oil and gas rights. Any lease issued will be only for the percentages or fractions indicated. However, bonus bids and rentals for such parcels shall be based on the gross acreage in the parcel, not the net U.S. interest. Acreage chargeability and production royalty are, in contrast, calculated on the net U.S. interest.

**RIGHT TO WITHDRAW PARCELS FROM SALE:** The Bureau of Land Management reserves the right to withdraw any or all of the parcels from the sale prior to or at the oral auction. In the event of cancellation of the sale, every effort will be made to give appropriate notice to all interested parties. If and when any individual parcels are withdrawn, notice thereof will be posted in the Public Room at the New Mexico State Office, 1474 Rodeo Road, Santa Fe, New Mexico, 87505.

**DETERMINATION OF WINNING BID:** A winning bid will be the highest oral bid, equal to or exceeding the national minimum acceptable bid specified above. The decision of the auctioneer shall be final.

**PAYMENT OF BONUS BID, RENTAL AND ADMINISTRATIVE FEE:** A bid shall not be withdrawn and shall constitute a legally binding commitment to execute the lease bid form and accept a lease, including the obligation to pay the bonus bid, first year's rental, and administrative fee. Winning bidders shall be required to make payment for the parcel on the day of the oral auction for a total amount consisting of: (1) a bonus bid deposit of at least \$2 per acre or fraction thereof; (2) the total amount of the first year's annual rental, at a rate of \$1.50 per acre or fraction thereof; and (3) an administrative fee of \$75 per parcel. Failure to pay this minimum deposit may result in assessment of civil penalties pursuant to the Federal Oil and Gas Royalty Management Act. This amount must be tendered at the close of business 4:00 the day of the sale. The entire amount due may be paid at this time. Any unpaid balance of the bonus bid must be received by the New Mexico State Office by the close of business on the tenth (10th) working day following the auction, which is 4:00 p.m., August 1, 2001, or all monies held by BLM and the right to issuance of the lease shall be forfeited. Any parcel so forfeited may be re-offered by BLM competitively at a later oral auction. Successful bidders for the future interest parcels are subject to these same conditions except (2) above in that no rental or royalty shall be due to the United States prior to the vesting of the oil and gas rights in the United States.

**FORM OF PAYMENT:** Payment shall be made by personal check, certified check, or money order (SUCH FORMS OF PAYMENT MUST BE MADE PAYABLE TO THE DEPARTMENT OF THE INTERIOR - BLM), or by CREDIT CARD (VISA OR MASTERCARD ACCEPTED ONLY). Payment by cash is NOT allowed.

**BID FORM REQUIRED; AVAILABILITY:** Pursuant to 43 CFR 3120.5, successful high bidders will be required to submit WITH the required payments for each parcel on the day of the oral auction of such parcel, a properly signed current competitive lease bid form (Form 3000-2, October 1989). A separate bid form must be submitted for each parcel. This form is a legally binding offer by the prospective lessee to accept a lease pursuant to the terms and conditions specified herein for the parcel and on the standard lease form. Form 3000-2 may be obtained and executed by the prospective lessee or an authorized representative PRIOR to the oral auction. If the bid form is fully completed before the oral auction, it cannot be modified; portions of the form may be left blank to be completed by the bidder at the auction. If the bid form is not executed prior to the oral auction, the prospective lessee shall be required to complete and sign the bid form at the auction when the payment is tendered. Form 3000-2, when completed, certifies compliance with lessee qualifications (See 43 CFR 3102.5-2) and also certifies compliance with 18 U.S.C. 1860, which prohibits unlawful combination of/or intimidation of bidders and certifies that the bid was arrived at independently without unlawful collusion. Forms 3000-2 and 3100-11b are made a part of this sale notice.

**AWARD/ISSUANCE OF LEASES:** Prospective lessees are advised that leases may be issued, upon signature by the authorized officer, without further action on their part, once all remaining bonus bid monies are timely received. The effective date of the lease shall be the first day of the month following execution of the lease form by the authorized officer, except that leases may, upon written request from the lessee received prior to signature on the lease by the authorized officer, be effective the first day of the month in which issued. Leases for future interest shall be effective as of the date the mineral interests vest in the United States, all else being regular.

**UNSOLD PARCELS:** Parcels contained in this Notice of Competitive Lease Sale for which no bids are received at the oral auction and no noncompetitive presale offers are pending, and which have not been withdrawn from the sale by BLM, shall be available for regular noncompetitive lease offer in accordance with 43 CFR Subpart 3110 for a 2-year period. The 2-year period shall commence at 9 a.m., July 19, 2001, the hour the public room opens on the first business day after the auction, and ending at 4 p.m., July 18, 2003. All noncompetitive offers received on that first business day following the auction will be considered simultaneously filed. Offers received thereafter shall receive priority as of the date and time of filing, as specified at 43 CFR 1821.2-3(a). A drop box will be available at the auction for noncompetitive offers for any parcel which has received no national minimum acceptable bid and all offers placed in the box shall be considered simultaneously filed during the first business day following the close of the oral auction. The drop box will be available until 1 hour following the close of the oral auction. Conflicting applications filed during the first business day following the auction and/or placed in the drop box at the sale will be prioritized by public drawing. This drawing will be held in the BLM Public Room in Santa Fe, NM at 3 p.m. on July 23, 2001.



**PENDING NONCOMPETITIVE PRESALE OFFERS:** A presale noncompetitive offer filed in accordance with 43 CFR 3110.1(a) for a parcel offered at the sale, and for which no bid is received, has first priority over an offer filed after the sale. Parties are cautioned that any lands in a parcel not sold at the auction, which are subject to a pending noncompetitive presale offer, may not be available for further noncompetitive filings. Those lands will be issued to the party who submitted the presale offer, all else being regular. However, if it is announced at the beginning of the sale that the presale offer has been withdrawn, noncompetitive filings will be accepted after the sale for that parcel. Parcels with pending noncompetitive presale offers are identified in this Notice of Competitive Lease Sale by the notation "Pending Presale Offer No." . . . . . , indicated after the parcel description.

### **PUBLIC NOTICE**

Bidders are reminded that a bid shall not be withdrawn and shall constitute a legally binding commitment to execute the lease bid form and accept a lease, including the obligation to pay the bonus bid, first year's rental, and administrative fee. There have been cases in past oral auctions where the minimum deposit due from the high bidder on the day of the auction was not paid, or was paid by a check drawn on an account with insufficient funds. The Bureau of Land Management will be closely monitoring situations of this nature to determine whether further measures should be initiated to protect the integrity of the system.

**DUE TO BUDGET RESTRAINTS, EXTRA COPIES OF THE SALE NOTICE WILL NO LONGER BE PROVIDED AT THE SALE. HOWEVER, THEY WILL BE AVAILABLE FOR PURCHASE FROM THE CASHIER.**

**NOTE: SHOULD ASSISTANCE BE NEEDED FOR THE HEARING OR VISUALLY IMPAIRED, PLEASE CONTACT THE NEW MEXICO STATE OFFICE AT (505) 438-7537 BY July 2, 2001. THE SALE SITE IS ACCESSIBLE TO THE HANDICAPPED.**

*/s/ Gloria S. Baca*

*Gloria S. Baca  
Land Law Examiner  
Fluids Adjudication Team*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**OFFER TO LEASE AND LEASE FOR OIL AND GAS**

Serial No. \_\_\_\_\_

The undersigned (*reverse*) offers to lease all or any of the lands in Item 2 that are available for lease pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (30 U.S.C. 181 et seq.), the Mineral Leasing Act for Acquired Lands of 1947, as amended (30 U.S.C. 351-359), the Attorney General's Opinion of April 2, 1941 (40 Op. Atty. Gen. 41), or the

**READ INSTRUCTIONS BEFORE COMPLETING**

1. Name \_\_\_\_\_  
Street \_\_\_\_\_  
City, State, Zip Code \_\_\_\_\_

2. This application/offer/lease is for: (*Check only One*) ☐ PUBLIC DOMAIN LANDS ☐ ACQUIRED LANDS (percent U.S. interest \_\_\_\_\_)  
Surface managing agency if other than BLM: \_\_\_\_\_ Unit/Project \_\_\_\_\_  
Legal description of land requested: \_\_\_\_\_ \*Parcel No.: \_\_\_\_\_ \*Sale Date (m/d/y): \_\_\_\_\_ /  
\*SEE ITEM 2 IN INSTRUCTIONS BELOW PRIOR TO COMPLETING PARCEL NUMBER AND SALE DATE.  
T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_

Amount remitted: Filing fee \$ \_\_\_\_\_

Rental fee \$ \_\_\_\_\_

Total acres applied for \_\_\_\_\_  
Total \$ \_\_\_\_\_

**DO NOT WRITE BELOW THIS LINE**

3. Land included in lease:

T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_

Total acres in lease \_\_\_\_\_  
Rental retained \$ \_\_\_\_\_

This lease is issued granting the exclusive right to drill for, mine, extract, remove and dispose of all the oil and gas (*except helium*) in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon for the term indicated below, subject to renewal or extension in accordance with the appropriate leasing authority. Rights granted are subject to applicable laws, the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and to regulations and formal orders hereafter promulgated when not inconsistent with lease rights granted or specific provisions of this lease.

**NOTE:** This lease is issued to the high bidder pursuant to his/her duly executed bid or nomination form submitted under 43 CFR 3120 and is subject to the provisions of that bid or nomination and those specified on this form.

Type and primary term of lease:

THE UNITED STATES OF AMERICA

☐ Noncompetitive lease (ten years)

by \_\_\_\_\_  
(Signing Officer)

☐ Competitive lease (ten years)

\_\_\_\_\_  
(Title) (Date)

☐ Other \_\_\_\_\_

EFFECTIVE DATE OF LEASE \_\_\_\_\_

(Continued on reverse)

4. (a) Undersigned certifies that (1) offeror is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or Territory thereof; (2) all parties holding an interest in the offer are in compliance with 43 CFR 3100 and the leasing authorities; (3) offeror's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options; (4) offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located; (5) offeror is in compliance with qualifications concerning Federal coal lease holdings provided in sec. 2(a)(2)(A) of the Mineral Leasing Act; (6) offeror is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (7) offeror is not in violation of sec. 41 of the Act.

(b) Undersigned agrees that signature to this offer constitutes acceptance of this lease, including all terms, conditions, and stipulations of which offeror has been given notice, and any amendment or separate lease that may include any land described in this offer open to leasing at the time this offer was filed but omitted for any reason from this lease. The offeror further agrees that this offer cannot be withdrawn, either in whole or in part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

**This offer will be rejected and will afford offeror no priority if it is not properly completed and executed in accordance with the regulations, or if it is not accompanied by the required payments. 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.**

Duly executed this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

(Signature of Lessee or Attorney-in-fact)

## LEASE TERMS

**Sec. 1. Rentals**—Rentals shall be paid to proper office of lessor in advance of each lease year. Annual rental rates per acre or fraction thereof are:

- (a) Noncompetitive lease \$1.50 for the first 5 years; thereafter \$2.00.
- (b) Competitive lease \$1.50; for the first 5 years; thereafter \$2.00;
- (c) Other, see attachment, or as specified in regulations at the time this lease is issued.

If this lease or a portion thereof is committed to an approved cooperative or unit plan which includes a well capable of producing leased resources, and the plan contains a provision for allocation of production, royalties shall be paid on the production allocated to this lease. However, annual rentals shall continue to be due at the rate specified in (a), (b), or (c) for those lands not within a participating area.

Failure to pay annual rental, if due, on or before the anniversary date of this lease (or next official working day if office is closed) shall automatically terminate this lease by operation of law. Rentals may be waived, reduced, or suspended by the Secretary upon a sufficient showing by lessee.

**Sec. 2. Royalties**—Royalties shall be paid to proper office of lessor. Royalties shall be computed in accordance with regulations on production removed or sold. Royalty rates are:

- (a) Noncompetitive lease, 12½ %;
- (b) Competitive lease, 12½ %;
- (c) Other, see attachment; or as specified in regulations at the time this lease is issued.

Lessor reserves the right to specify whether royalty is to be paid in value or in kind, and the right to establish reasonable minimum values on products after giving lessee notice and an opportunity to be heard. When paid in value, royalties shall be due and payable on the last day of the month following the month in which production occurred. When paid in kind, production shall be delivered, unless otherwise agreed to by lessor, in merchantable condition on the premises where produced without cost to lessor. Lessee shall not be required to hold such production in storage beyond the last day of the month following the month in which production occurred, nor shall lessee be held liable for loss or destruction of royalty oil or other products in storage from causes beyond the reasonable control of lessee.

Minimum royalty in lieu of rental of not less than the rental which otherwise would be required for that lease year shall be payable at the end of each lease year beginning on or after a discovery in paying quantities. This minimum royalty may be waived, suspended, or reduced, and the above royalty rates may be reduced, for all or portions of this lease if the Secretary determines that such action is necessary to encourage the greatest ultimate recovery of the leased resources, or is otherwise justified.

An interest charge shall be assessed on late royalty payments or underpayments in accordance with the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) (30 U.S.C. 1701). Lessee shall be liable for royalty payments on oil and gas lost or wasted from a lease site when such loss or waste is due to negligence on the part of the operator, or due to the failure to comply with any rule, regulation, order, or citation issued under FOGRMA or the leasing authority.

**Sec. 3. Bonds**—A bond shall be filed and maintained for lease operations as required under regulations.

**Sec. 4. Diligence, rate of development, unitization, and drainage**—Lessee shall exercise reasonable diligence in developing and producing, and shall prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves right to specify rates of development and production in the public interest and to require lessee to subscribe to a cooperative or unit plan, within 30 days of notice, if deemed necessary for proper development and operation of area, field, or pool embracing these leased lands. Lessee shall drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in amount determined by lessor.

**Sec. 5. Documents, evidence, and inspection**—Lessee shall file with proper office of lessor, not later than 30 days after effective date thereof, any contract or evidence of other arrangement for sale or disposal of production. At such times and in such form as lessor may prescribe, lessee shall furnish detailed statements showing amounts and quality of all products removed and sold, proceeds therefrom, and amount used for production purposes or unavoidably lost. Lessee may be required to provide plats and schematic diagrams showing development work and improvements, and reports with respect to parties in interest, expenditures, and depreciation costs. In the form prescribed by lessor, lessee shall keep a daily drilling record, a log, information on well surveys and tests, and a record of subsurface investigations and furnish copies to lessor when required. Lessee shall keep open at all reasonable times for inspection by any authorized officer of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee shall maintain copies of all contracts, sales agreements, accounting records, and documentation such as billings, invoices, or similar documentation that supports

costs claimed as manufacturing, preparation, and/or transportation costs. All such records shall be maintained in lessee's accounting offices for future audit by lessor. Lessee shall maintain required records for 6 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

During existence of this lease, information obtained under this section shall be closed to inspection by the public in accordance with the Freedom of Information Act (5 U.S.C. 552).

**Sec. 6. Conduct of operations**—Lessee shall conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee shall take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with lease rights granted, such measures may include, but are not limited to, modification to siting or design of facilities, timing of operations, and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses shall be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee.

Prior to disturbing the surface of the leased lands, lessee shall contact lessor to be apprised of procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts to other resources. Lessee may be required to complete minor inventories or short term special studies under guidelines provided by lessor. If in the conduct of operations, threatened or endangered species, objects of historic or scientific interest, or substantial unanticipated environmental effects are observed, lessee shall immediately contact lessor. Lessee shall cease any operations that would result in the destruction of such species or objects.

**Sec. 7. Mining operations**—To the extent that impacts from mining operations would be substantially different or greater than those associated with normal drilling operations, lessor reserves the right to deny approval of such operations.

**Sec. 8. Extraction of helium**—Lessor reserves the option of extracting or having extracted helium from gas production in a manner specified and by means provided by lessor at no expense or loss to lessee or owner of the gas. Lessee shall include in any contract of sale of gas the provisions of this section.

**Sec. 9. Damages to property**—Lessee shall pay lessor for damage to lessor's improvements, and shall save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

**Sec. 10. Protection of diverse interests and equal opportunity**—Lessee shall: pay when due all taxes legally assessed and levied under laws of the State or the United States; accord all employees complete freedom of purchase; pay all wages at least twice each month in lawful money of the United States; maintain a safe working environment in accordance with standard industry practices; and take measures necessary to protect the health and safety of the public.

Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. If lessee operates a pipeline, or owns controlling interest in a pipeline or a company operating a pipeline, which may be operated accessible to oil derived from these leased lands, lessee shall comply with section 28 of the Mineral Leasing Act of 1920.

Lessee shall comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractors shall maintain segregated facilities.

**Sec. 11. Transfer of lease interests and relinquishment of lease**—As required by regulations, lessee shall file with lessor any assignment or other transfer of an interest in this lease. Lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which shall be effective as of the date of filing, subject to the continued obligation of the lessee and surety to pay all accrued rentals and royalties.

**Sec. 12. Delivery of premises**—At such time as all or portions of this lease are returned to lessor, lessee shall place affected wells in condition for suspension or abandonment, reclaim the land as specified by lessor and, within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells.

**Sec. 13. Proceedings in case of default**—If lessee fails to comply with any provisions of this lease, and the noncompliance continues for 30 days after written notice thereof, this lease shall be subject to cancellation unless or until the leasehold contains a well capable of production of oil or gas in paying quantities, or the lease is committed to an approved cooperative or unit plan or communitization agreement which contains a well capable of production of unitized substances in paying quantities. This provision shall not be construed to prevent the exercise by lessor of any other legal and equitable remedy, including waiver of the default. Any such remedy or waiver shall not prevent later cancellation for the same default occurring at any other time. Lessee shall be subject to applicable provisions and penalties of FOGRMA (30 U.S.C. 1701).

**Sec. 14. Heirs and successors-in-interest**—Each obligation of this lease shall extend to and be binding upon, and every benefit hereof shall inure to the heirs, executors, administrators, successors, beneficiaries, or assignees of the respective parties hereto.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COMPETITIVE OIL AND GAS OR  
GEOTHERMAL RESOURCES LEASE BID**

30 U.S.C. 181 et seq.; 30 U.S.C. 351-359;  
30 U.S.C. 1001-1025; 42 U.S.C. 6508

FORM APPROVED  
OMB NO. 1004-0074  
Expires: May 31, 2000

State

Date of sale

PARCEL NUMBER

AMOUNT OF BID (See *Instructions below*)

TOTAL BID

PAYMENT SUBMITTED  
WITH BID

THE BID IS FOR (*Check one*) :

☐ Oil and Gas Parcel Number \_\_\_\_\_

☐ Geothermal Parcel Number \_\_\_\_\_

Name of Known Geothermal Resource Area (KGRA)  
\_\_\_\_\_

The appropriate regulations applicable to this bid are: (1) for oil and gas leases—43 CFR 3120; (2) for National Petroleum Reserve-Alaska (NPR-A) leases—43 CFR 3132; and (3) for Geothermal resources leases—43 CFR 3220. (*See details concerning lease qualifications on reverse.*)

I CERTIFY THAT I have read and am in compliance with, and not in violation of, the lessee qualification requirements under the applicable regulations for this bid.

I CERTIFY THAT this bid is not in violation of 18 U.S.C. 1860 which prohibits unlawful combination or intimidation of bidders. I further certify that this bid was arrived at independently and is tendered without collusion with any other bidder for the purpose of restricting competition.

**IMPORTANT NOTICE:** Execution of this form, where the offer is the high bid, constitutes a binding lease offer, including all applicable terms and conditions. Failure to comply with the applicable laws and regulations under which this bid is made shall result in rejection of the bid and forfeiture of all monies submitted.

Print or Type Name of Lessee

Signature of Lessee or Bidder

Address of Lessee

City

State

Zip Code

INSTRUCTIONS

INSTRUCTIONS FOR OIL AND GAS BID  
(*Except NPR-A*)

1. Separate bid for each parcel is required. Identify parcel by the parcel number assigned in the *Notice of Competitive Lease Sale*.
2. Bid **must** be accompanied by the national minimum acceptable bid, the first year's rental and the administrative fee. The remittance **must** be in the form specified in 43 CFR 3103.1-1. The remainder of the bonus bid, if any, **must** be submitted to the proper BLM office within 10 working days after the last day of the oral auction. **Failure to submit the remainder of the bonus bid within 10 working days will result in rejection of the bid offer and forfeiture of all monies paid.**
3. If bidder is **not** the sole party in interest in the lease for which the bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the authorized officer.
4. This bid may be executed (*signed*) before the oral auction. If signed before the oral auction, this form cannot be modified without being executed again.
5. In view of the above requirement (4), bidder may wish to leave AMOUNT OF BID section blank so that final bid amount may be either completed by the bidder or the Bureau of Land Management at the oral auction.

INSTRUCTIONS FOR GEOTHERMAL OR  
NPR-A OIL AND GAS BID

- Separate bid for each parcel is required. Identify parcel by the number assigned to a tract.
2. Bid **must** be accompanied by one-fifth of the total amount of bid. The remittance **must** be in the form specified in 43 CFR 3220.4 for a Geothermal Resources bid and 3132.2 for a NPR-A lease bid.
  3. Mark envelope Bid for Geothermal Resources Lease in (*Name of KGRA*) or Bid for NPR-A Lease, as appropriate. Be sure correct parcel number of tract on which bid is submitted and date of bid opening are noted plainly on envelope. No bid may be modified or withdrawn unless such modification or withdrawal is received prior to time fixed for opening of bids.
  4. Mail or deliver bid to the proper BLM office or place indicated in the *Notice of Competitive Lease Sale*.
  5. If bidder is **not** the sole party in interest in the lease for which bid is submitted, all other parties in interest may be required to furnish evidence of their qualifications upon written request by the authorized officer.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on reverse)

V1  
OFFICIAL FILE COPY

Form 3000-2 (July 1997)

## QUALIFICATIONS

For leases that may be issued as a result of this sale under the Mineral Leasing Act (The Act) of 1920, as amended, the oral bidder must: (1) Be a citizen of the United States; an association (*including partnerships and trusts*) of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or Territory thereof; (2) Be in compliance with acreage limitation requirements wherein the bidder's interests, direct and indirect, in oil and gas leases in the State identified do not exceed 246,080 acres each in public domain or acquired lands including acreage covered by this bid, of which not more than 200,000 acres are under options. If this bid is submitted for lands in Alaska, the bidder's holdings in each of the Alaska leasing districts do not exceed 300,000 acres, of which no more than 200,000 acres are under options in each district; (3) Be in compliance with Federal coal lease holdings as provided in sec. 2(a)(2)(A) of the Act; (4) Be in compliance with reclamation requirements for all Federal oil and gas holdings as required by sec. 17 of the Act; (5) Not be in violation of sec. 41 of the Act; and (6) Certify that all parties in interest in this bid are in compliance with 43 CFR Groups 3000 and 3100 and the leasing authorities cited herein.

For leases that may be issued as a result of this sale under the Geothermal Steam Act of 1970, as amended, the bidder must: (1) Be a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or Territory thereof; and (2) Be in compliance with acreage limitation requirements wherein the bidder's interests, direct and indirect, do not exceed 51,200 acres; and (3) Certify that all parties in interest in this bid are in compliance with 43 CFR Group 3200 and the leasing authority cited herein.

For leases that may be issued as a result of this sale under the Department of the Interior Appropriations Act of 1981, the bidder must: (1) Be a citizen or national of the United States; an alien lawfully admitted for permanent residence; a private, public or municipal corporation organized under the laws of the United States or of any State or Territory thereof; an association of such citizens, nationals, resident aliens or private, public or municipal corporations, and (2) Certify that all parties in interest in this bid are in compliance with 43 CFR Part 3130 and the leasing authorities cited herein.

## NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this bid for a Competitive Oil and Gas or Geothermal Resources Lease.

**AUTHORITY:** 30 U.S.C. 181 et seq.; 30 U.S.C. 351-359; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

**PRINCIPAL PURPOSE:** The information is to be used to process your bid.

**ROUTINE USES:** (1) The adjudication of the bidder's right to the resources for which this bid is made. (2) Documentation for public information. (3) Transfer to appropriate Federal agencies when comment or concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION:** Disclosure of the information is voluntary. If all the information is not provided, your bid may be rejected.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected in accordance with 43 CFR 3120, 43 CFR 3130, or 43 CFR 3220..

This information will be used to determine the bidder submitting the highest bid.

Response to this request is required to obtain a benefit..

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

## BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 2 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, Bureau Clearance Officer (WO-630), 1620 L Street, Washington, D.C. 20036 and the Office of Management and Budget, Desk Officer for the Interior Department, Office of Regulatory Affairs (1004-0074), Washington, D.C. 20503.

**PLEASE FILL IN THE NAME AND ADDRESS AS IT SHOULD  
APPEAR ON THE ISSUED LEASE**

**NEW BIDDER REGISTRATION FORM**

**BIDDER NO. \_\_\_\_\_  
(Leave Blank)**

**NAME: \_\_\_\_\_**

**TELEPHONE: \_\_\_\_\_**

**STREET: \_\_\_\_\_**

**CITY: \_\_\_\_\_**

**STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_**

**THE LESSEE MUST BE QUALIFIED TO HOLD A FEDERAL OIL  
AND GAS LEASE.**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**



**United States Department of the Interior**  
**Bureau of Land Management**  
New Mexico State Office  
1474 Rodeo Road  
P.O. Box 27115  
Santa Fe, New Mexico 87502-0115

IN REPLY REFER TO:  
3120 (93200-gsb)

**MAY 18 2001**

**NOTICE**

The Bureau of Land Management will hold four (4) Competitive Oil and Gas Lease Sales during Fiscal Year 2002. The tentative scheduled dates are shown below:

<u>Sale Date(s)</u>	<u>Team Lead</u> <u>For Sale</u>	<u>Expression of Interest (EOI)</u> <u>Closing Date(s)*</u>	<u>Mailed to the Public</u>
10/17/2001	Bernadine Martinez	06/15/2001	08/28/2001
01/16/2002	Lou Ortiz	09/14/2001	11/16/2001
04/17/2002	Gloria Baca	12/14/2001	02/26/2002
07/17/2002	Bernadine Martinez	03/15/2002	05/21/2002

\*Federal lands administered by an agency outside of the Department of the Interior require Surface Management Agency (SMA) consent. Meeting the closing dates does NOT guarantee your EOI will be on the scheduled sale date.

You may request to receive the Oil and Gas Lease Sale Notice to check whether the lands are being offered. Contact our Accounts Section at (505) 438-7462 to be placed on our mailing list by either opening a declining deposit account with a minimum amount of \$50.00 or you may purchase a single Sale Notice for \$5.00 each plus postage and handling.

Every effort will be made to offer your EOI in a timely manner.

*Gloria Baca*  
Gloria Baca  
Land Law Examiner  
Fluids Adjudication Team

**BUREAU OF LAND MANAGEMENT  
NEW MEXICO STATE OFFICE  
July 18, 2001, Lease Sale Statistics by State  
Parcels with and without Pre-sale Noncompetitive Priority Offers**

<b>STATE</b>	<b>PARCELS WITH PRESALE OFFER</b>	<b>PARCELS WITHOUT PRESALE OFFER</b>	<b>TOTAL PARCELS</b>	<b>ACRES WITH PRESALE OFFER</b>	<b>ACRES WITHOUT PRESALE OFFER</b>	<b>TOTAL ACRES</b>
<b>NM</b>	<b>0</b>	<b>27</b>	<b>27</b>	<b>0.00</b>	<b>19,313.61</b>	<b>19,313.61</b>
<b>KS</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0.00</b>	<b>319.28</b>	<b>319.28</b>
<b>OK</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>1,261.59</b>	<b>4,643.27</b>	<b>5,904.86</b>
<b>TX</b>	<b>0</b>	<b>30</b>	<b>30</b>	<b>0.00</b>	<b>43,118.49</b>	<b>43,118.49</b>
<b>TOTALS</b>	<b>2</b>	<b>68</b>	<b>70</b>	<b>1,261.59</b>	<b>67,394.65</b>	<b>68,656.24</b>



**U. S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NEW MEXICO STATE OFFICE  
JULY 18, 2001, OIL AND GAS LEASE SALE**

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107001 KS CHEYENNE 6TH 50.00%	03S	41W	06 06	1,2; S2NE,SE;	319.280  ORA-1 ORA-2  KSW 17223	A	N
200107002 NM BERNALILLO NMPM 100.00%	10N	01E	04	1,2,3,4,5,6,7,8;	257.760  RP3NSO  NMNM 50964	P	N
200107003 NM BERNALILLO NMPM 100.00%	11N	01E	06 06 08 16 18 18 20	1,2,3,4,5,6,7; S2NE,SE,SE, 1,2,3,4; 1,2,3,4; 1,2,3,4; E2,E2W2; ALL;	2,235.480  RP3NSO  NMNM 45978 NMNM 46942 NMNM 59527	P	N
200107004 NM BERNALILLO NMPM 100.00%	11N	01E	14 22 24 26	1,2,3,4; ALL; ALL; ALL;	2,120.600  RP3NSO  NMNM 45978 NMNM 62700	P	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107005 NM BERNALILLO NMPM 100.00%	11N	01E	28 32 32 34	ALL; 1,2,3; E2,NESW,S2SW; ALL;	1,827.300  RP3NSO  NMNM 45978 NMNM 50964	P	N
200107006 NM SANDOVAL NMPM 100.00%	14N	01E	04 04 08 10	1,2,3,4; S2N2,S2; E2; ALL;	1,614.080   NMNM 31557	P	N
200107007 NM GUADALUPE NMPM 100.00%	06N	22E	20 29 30 31 31 33 34 35	E2SW; S2NE,E2NW,E2SE; SWSE; 2; NENE,S2NE,SENW; ALL; SENE,W2W2,NESW; NE,E2NW,SWNW,N2S2;	1,881.250     NMNM 88221	P	N
200107008 NM QUAY NMPM 100.00%	10N	31E	27 33	SENE,SESW; SWSE;	120.000   NMNM 23834	P	N
200107009 NM RIO ARRIBA NMPM 100.00%	29N	04W	19 19	1,2; NE,E2NW;	319.480  FS1, FS3(NM)(LN-3-2) FS3(NM)(NSO-2)& MAP FS3(NM)(TLS-3) NMNM 18318	P	N
CARSON NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107010 NM RIO ARRIBA NMPM 100.00%	29N	04W	21	ALL;	640.000  FS1, FS3(NM)(LN-3-2) FS3(NM)(NSO-2)& MAP FS3(NM)(TLS-3) NMNM 86070	P	N
CARSON NATIONAL FOREST							
200107011 NM EDDY NMPM 100.00%	18S	23E	23	NW;	160.000  SENM-LN-1 SENM-S-14 (S2NW) SENM-S-18 (W2NWNW) SENM-S-21 NMNM 78191	P	N
200107012 NM EDDY NMPM 100.00%	19S	23E	03 03	1,2,3,4; S2N2,S2;	640.480   NMNM 78193	P	N
200107013 NM EDDY NMPM 100.00%	22S	23E	19 19	1,2,3; NE,E2NW,NESW;	409.400  SENM-LN-1 SENM-S-21  NMNM 69324	P	N
200107014 NM EDDY NMPM 100.00%	22S	25E	03	5,6,7,8,9,10,11,12;	340.470  SENM-LN-1 SENM-S-17 (LOT 12)  NMNM 84702	P	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107015 NM CHAVES NMPM 100.00%	12S	26E	01 01	1,2,3,4; S2N2,S2;	642.400  NMNM 43532	P	N
200107016 NM CHAVES NMPM 100.00%	12S	26E	11	ALL;	640.000  NMNM 70879 NMNM 88110	P	N
200107017 NM CHAVES NMPM 100.00%	11S	27E	24 25	E2,W2W2,SEnw,SESW; N2,SE;	1,040.000  SENM-LN-1  NMNM 65390 NMNM 86106	P	N
200107018 NM EDDY NMPM 100.00%	24S	27E	05	1,2,3,4;	161.980  NMNM 64588 NMNM 85871	P	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107019 NM CHAVES NMPM 100.00%	14S	28E	15	ALL;	640.000  SENM-LN-1 SENM-S-22  NMNM 08363	P	N
THERE ARE TWO UNPLUGGED WELLS WITHIN THIS PARCEL. THE SUCCESSFUL BIDDER HAS THE OPTION OF ONE OF THE FOLLOWING: 1) ACCEPT RESPONSIBILITY FOR BOTH WELLS, IN WHICH CASE ACCEPTABLE BONDING IS REQUIRED PRIOR TO ISSUANCE OF THE LEASE, OR 2) IF THE SUCCESSFUL BIDDER DOES NOT WANT TO TAKE OVER THE WELLS, THE PREVIOUS OPERATOR WILL PLUG AND ABANDON THE WELL BORES WITHIN 30 DAYS AFTER THE LEASE SALE.							
200107020 NM EDDY NMPM 100.00%	26S	28E	35 35	1,2,3,4; N2N2;	255.800   NMNM 88129	P	N
200107021 NM CHAVES NMPM 100.00%	07S	30E	18	S2SE;	80.000  SENM-S-22  NMNM 43549 NMNM 66922	P	N
200107022 NM CHAVES NMPM 100.00%	07S	30E	20	ALL;	640.000  SENM-S-22  NMNM 55932 NMNM 70217 NMNM 84870	P	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107023 NM CHAVES NMPM 100.00%	07S	30E	21 22	N2NE,NW; NE,N2NW;	480.000  SENM-S-22  NMNM 53975 NMNM 65648 NMNM 78253 NMNM 88144	P	N
200107024 NM CHAVES NMPM 100.00%	07S	30E	27	W2,N2SE,SWSE;	440.000  SENM-S-22  NMNM 88146	P	N
200107025 NM CHAVES NMPM 100.00%	07S	30E	28 29	SW,NESE; N2;	520.000  SENM-S-22  NMNM 70217 NMNM 88147	P	N
200107026 NM LEA NMPM 100.00%	22S	32E	30 30	1,2,3,4; E2W2;	339.840  SENM-S-22  NMNM 77059	P	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107027 NM LEA NMPM 100.00%	22S	32E	31 31	1,2,3,4; E2,E2W2;	660.720  SENM-S-22  NMNM 77059 NMNM 84891	P	N
200107028 NM LEA NMPM 100.00%	17S	33E	31 31	1,3,4; E2SW;	206.570  SENM-S-22  NMNM 63762 NMNM 86156	P	N
200107029 OK PITTSBURG IM 100.00%	05N	14E	02 02 03	A TRACT IN THE SWSW; SEE DESCRIPTION BELOW; SE;	1,241.590  NM-8 ORA(LN-1) ORA-2	P	N
	06N	14E	25 26 33 34 34 35	NWSWSW,N2SWSWSW; SESW,S2SE; S2NE,SE; NENE,W2NE,E2NW,SWNW,S2SW; SE; NWNE,N2NW,E2SW;	OKNM 54332 OKNM 69608		
PENDING PRESALE OFFER NO. OKNM 105925							
DESCRIPTION FOR SECTION 2, 26.59 ACRES: T. 05N., R. 14 E., IM, SEC. 02: A TRACT IN THE SWSW DESCRIBED AS FOLLOWS: BEGINNING AT THE SW CORNER OF SECTION 2; THENCE EAST ALONG THE SECTION LINE 1,320.00 FEET, THENCE 940.00 FEET TO THE SOUTH LINE OF C.R.I. AND T.R.R. RIGHT-OF-WAY THENCE SOUTHWESTERLY ALONG SAID RIGHT-OF-WAY LINE 1,352.00 FEET TO SECTION LINE, THENCE SOUTH ALONG WEST BOUNDARY OF SECTION, 2,690.00 FEET TO THE PLACE OF BEGINNING CONTAINING 26.59 ACRES.							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107030 OK PUSHMATAHA IM 100.00%	02N	19E	17	W2SWNE;	20.000  COE (SS-1A) SARDIS LAKE	A	N
CORPS OF ENGINEERS SARDIS LAKE							
200107031 OK LEFLORE IM 100.00%	05N	24E	13 13 13 13  24 24 24 24	SWNW,N2N2SW,S2S2SW; NWNWNE,SWSWNE,S2S2S2NWNW; NWSNW,S2SENW,S2NWNENE; N2SWNESE,N2NWSE;  S2N2NE,S2NE,W2,S2N2SE; S2SE; N2NWNWNE,S2N2N2NE; S2N2NWSE;	800.000  COE (SS 1-A) WISTER LAKE   OKNM 94553 OKNM 94554	A	N
CORPS OF ENGINEERS WISTER DAM RESERVOIR PROJECT							
200107032 OK LEFLORE IM 100.00%	05N	24E	14 23	S2SW; ALL;	720.000  COE(SS 1-A) WISTER LAKE  OKNM 60594 OKNM 94553	A	N
CORPS OF ENGINEERS WISTER DAM RESERVOIR PROJECT							



PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107033 OK LEFLORE IM 100.00%	05N	24E	15 22 22 22 22 22 22 22 22 22 22	ALL; E2E2,NWSE; N2NWNW,N2SEWNW,SESEWNW; NENESWNE,S2NESWNE; SENWSWNE,S2SWNE,N2N2NENW; SENEENENW,NENENWNW; N2NWNWNW,S2SWSENW,SESENW; E2NESW,N2NWNESW,SEWNESW; NESWNESW,NENESESW,NESWSE; N2NWSWSE,SENWSWSE; NESESWSE;	985.000  COE(SS 1-A) WISTER LAKE    OKNM 60594 OKNM 94640	A	N
CORPS OF ENGINEERS WISTER DAM RESERVOIR PROJECT							
200107034 OK LEFLORE IM 100.00%	05N	24E	25 25 25 26 26 26 26 27 27 27 27 27 27 27 27 27 27 27 34	E2,E2NW,NWNW,S2SW; E2SWNW,NWSWNW,N2SWSWNW; N2N2NESW,S2NENESW,SWNWSW; N2NE,NW,N2SW,SESE; W2NWSWNE,SWSWNE,N2SENE; N2SWSW,N2SWSWSW,NWSESWSW; W2NESESW,NWSESW,S2S2NESE; SWNE,SENW; S2SWNENE,N2SENE,N2S2SENE; N2S2S2SENE,S2SWSWSENE; S2SEWNW,E2E2SWNW; NWNESWNW,N2N2NWSE; SENWNWSE,E2NESESE; SESWSESE,N2SESESE; W2SWSESESE;SESESESE; NENWNE;	1,197.500  COE (SS 1-A) WISTER LAKE    OKNM 60594 OKNM 94553 OKNM 94554 OKNM 94640	A	N
CORPS OF ENGINEERS WISTER DAM RESERVOIR PROJECT							
200107035 OK LEFLORE IM 100.00%	05N	24E	35 36 36 36 36	N2NENE,N2SENE,NWNWNW; N2N2; NWSWNE,N2SWSWNE,E2SENE; NWSENE,N2NESWNW,NENWSWNW; N2SENW,E2NENESE,NESWNESE; N2SENESE;	280.000  COE(SS 1-A) WISTER LAKE  OKNM 58846	A	N
CORPS OF ENGINEERS WISTER DAM RESERVOIR PROJECT							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107036 OK DEWEY IM 100.00%	19N	14W	07	N2NE;	80.000  COE(SS-1A) CANTON LAKE  OKNM 39652	A	N
CORPS OF ENGINEERS CANTON LAKE							
200107037 OK DEWEY IM 100.00%	19N	15W	12 12	1,2,3,4; NWNW;	141.250  COE(SS-1A) CANTON LAKE  OKNM 43585	A	N
CORPS OF ENGINEERS CANTON LAKE							
200107038 OK WOODWARD IM 100.00%	25N	18W	04 04	3; SWNE,SENW;	119.520  ORA-1 ORA-2 ORA-3 OKNM 95592	P	N
200107039 OK WOODWARD IM 100.00%	23N	22W	07	E2E2NE,E2SE,SWSE;	160.000  COE(SS-1A) FT SUPPLY LAKE  OKNM 85975	A	N
CORPS OF ENGINEERS FT SUPPLY LAKE							
200107040 OK BECKHAM IM 25.00%	09N	25W	13	NW;	160.000  ORA-3  OKNM 27844	A	N

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107041 TX HOUSTON TX 100.00%			TR TR TR	K-1-III PARCEL #1; SEE EXHIBIT "A" FOR; M&B DESCRIPTION & MAP;	2,408.920  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) FS8(TX)(LN#6)	A	N
DAVY CROCKETT NATIONAL FOREST							
200107042 TX HOUSTON TX 100.00%			TR TR TR	K-1-III PARCEL #2; SEE EXHIBIT "B" FOR; M&B DESCRIPTION & MAP;	1,374.380  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
DAVEY CROCKETT NATIONAL FOREST							
200107043 TX HOUSTON TX 100.00%			TR TR TR	K-1-III PARCEL #3; SEE EXHIBIT "C" FOR; M&B DESCRIPTION & MAP;	2,468.280  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
DAVY CROCKETT NATIONAL FOREST							
200107044 TX HOUSTON TX 100.00%			TR TR TR TR	K-1-III PARCEL #4A; K-1-III PARCEL #4B; SEE EXHIBIT "D" FOR; M&B DESCRIPTION & MAP;	1,263.270  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
DAVY CROCKETT NATIONAL FOREST							
200107045 TX HOUSTON TX 100.00%			TR TR TR	K-1a-I PARCEL #2; SEE EXHIBIT "E" FOR; M&B DESCRIPTION & MAP;	2,133.370  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66736 TXnM 66738	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107046 TX HOUSTON TX 100.00%			TR TR TR	K-1a-I PARCEL #3; SEE EXHIBIT "F" FOR; M&B DESCRIPTION & MAP;	2,440.540  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66735 TXNM 66736 TXNM 66737	A	N
DAVY CROCKETT NATIONAL FOREST							
200107047 TX HOUSTON TX 100.00%			TR TR TR	K-1a-I PARCEL #4; SEE EXHIBIT "G" FOR; M&B DESCRIPTION & MAP;	2,459.870  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66737 TXNM 66738	A	N
DAVY CROCKETT NATIONAL FOREST							
200107048 TX HOUSTON TX 100.00%			TR	K-1a-III;	1,366.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66735	A	N
ALL THAT CERTAIN TRACT OF LAND LYING AND BEING IN HOUSTON COUNTY, TX, ON THE WATERS OF CONNER CREEK, A TRIBUTARY OF THE NECHES RIVER, LYING ENTIRELY WITHIN THE WILLIAM M. CONNER PATENTED SURVEY, A-238,DATED FEBRUARY 9, 1846. TRACT K-1a-III WAS ACQUIRED FROM HOUSTON COUNTY TIMBER COMPANY BY DEED DATED JULY 1, 1935 AND RECORDED IN VOLUME 172, PAGE 1 ET SEQ.; DEED RECORDS OF HOUSTON COUNTY, TX, SUBJECT TO 305.20 SURFACE-ONLY ACRES IDENTIFIED AS TRACT K-40e EXCHANGED TO TEMPLE-INLAND FOREST PRODUCTS CORPORATION IN EXCHANGE DEED DATED JUNE 6, 1991 AND RECORDED IN VOLUME 505, PAGES 172, ET SEEQ., DEED RECORDS OF TRINITY COUNTY.							
DAVY CROCKETT NATIONAL FOREST							
200107049 TX HOUSTON TX 100.00%			TR TR TR	K-1a-IV PARCEL #1; SEE EXHIBIT "H" FOR; M&B DESCRIPTION & MAP;	2,383.970  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66735 TXNM 66740	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107050 TX HOUSTON TX 100.00%			TR TR TR	K-1a-IV PARCEL 2; SEE EXHIBIT "I" FOR; M&B DESCRIPTION & MAP;	1,634.890  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66735 TXNM 66740	A	N
DAVY CROCKETT NATIONAL FOREST							
200107051 TX HOUSTON TX 100.00%			TR TR TR	K-1a-IV PARCEL #3; SEE EXHIBIT "J" FOR; M&B DESCRIPTION & MAP;	1,810.950  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66296 TXNM 66740	A	N
DAVY CROCKETT NATIONAL FOREST							
200107052 TX HOUSTON TX 100.00%			TR TR TR	K-1a-V PARCEL #1; SEE EXHIBIT "K" FOR; M&B DESCRIPTION & MAP;	2,296.460  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1B-1) FS8(TX)(CSU#1J) FS8(TX)(NSO#2A-5) TXNM 66741	A	N
DAVY CROCKETT NATIONAL FOREST							
200107053 TX HOUSTON TX 100.00%			TR TR TR TR	K-1a-V PARCEL #2; K-1a-IX; SEE EXHIBIT "L" FOR; M&B DESCRIPTION & MAP;	1,687.840  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66742 TXNM 66964	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107054 TX HOUSTON TX 100.00%			TR TR TR	K-1a-V PARCEL #3; SEE EXHIBIT "M" FOR; M&B DESCRIPTION & MAP;	2,257.200  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66964	A	N
DAVY CROCKETT NATIONAL FOREST							
200107055 TX HOUSTON TX 100.00%			TR	K-1a-VII;	9.200  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
ALL THAT CERTAIN TRACT OR PARCEL OF LAND LYING AND BEING IN HOUSTON COUNTY, TX, ON THE WATERS OF COCHINO BAYOU, A TRIBUTARY OF THE NECHES RIVER, EMBRACING IN PART THE ENOCH RICHARDSON PATENTED SURVEY, A-877, DATED JUNE 17, 1859. TRACT K-1a-VII WAS ACQUIRED FROM HOUSTON COUNTY TIMBER COMPANY, BY DEED DATED SEPTEMBER 12, 1941 AND RECORDED IN VOLUME 209, PAGE 102 ET SEQ., DEED RECORDS OF HOUSTON COUNTY, TX, AND CONTAINS 9.20 ACRES, BE THE SAME MORE OR LESS.							
DAVY CROCKETT NATIONAL FOREST							
200107056 TX HOUSTON TX 100.00%			TR	K-1a-VIII;	27.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
ALL THAT CERTAIN TRACT OR PARCEL OF LAND LYING AND BEING IN HOUSTON COUNTY, TEXAS, ON THE WATERS OF COCHINO BAYOU, A TRIBUTARY OF THE NECHES RIVER, EMBRACING IN PART THE ENOCH RICHARDSON PATENTED SURVEY, A-877, DATED JUNE 17, 1859. TRACT K-1a-VIII WAS ACQUIRED FROM HOUSTON COUNTY TIMBER COMPANY, BY DEED DATED SEPTEMBER 12, 1941 AND RECORDED IN VOLUME 209, PAGE 102 ET SEQ., DEED RECORDS OF HOUSTON COUNTY, TEXAS, AND CONTAINS 27.00 ACRES, BE THE SAME MORE OR LESS.							
DAVY CROCKETT NATIONAL FOREST							
200107057 TX HOUSTON TX 100.00%			TR TR TR	K-1b-V PARCEL #2; SEE EXHIBIT "N" FOR; M&B DESCRIPTION & MAP;	2,430.670  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66732 TXNM 67527	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107058 TX HOUSTON TX 100.00%			TR TR TR TR	K-1b-V PARCEL #3; K-1b-XIV; SEE EXHIBIT "O" FOR; M&B DESCRIPTION & MAP;	2,354.230  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1F) K-1b-V PARCEL #3 FS8(TX)(CSU#1J) TXNM 66732	A	N
DAVY CROCKETT NATIONAL FOREST							
200107059 TX HOUSTON TX 100.00%			TR TR TR	K-1b-VI PARCEL #2; SEE EXHIBIT "P" FOR; M&B DESCRIPTION & MAP;	1,442.270  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66731 TXNM 67527	A	N
DAVY CROCKETT NATIONAL FOREST							
200107060 TX HOUSTON TX 100.00%			TR	K-1j-I;	84.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66745	A	N
ALL THAT CERTAIN TRACT OR PARCEL OF LAND LYING AND BEING IN HOUSTON COUNTY, TEXAS, ON THE WATERS OF COCHINO BAYOU, A TRIBUTARY OF THE NECHES RIVER, EMBRACING IN PART THE JOHN M. CREASY PATENTED SURVEY, A-271,DATED OCTOBER 15, 1859 AND THE SAMPSON HUDSON PATENTED SURVEY, A-549, DATED JULY 19, 1876. TRACK K-1j-I WAS ACQUIRED FROM HOUSTON COUNTY TIMBER COMPANY, BY DEED DATED SEPTEMBER 24, 1935 AND RECORDED IN VOLUME 171, PAGE 442 ET SEQ., DEED RECORDS OF HOUSTON COUNTY, TEXAS AND CONTAINS 84.00 ACRES, BE THE SAME MORE OR LESS.							
DAVY CROCKETT NATIONAL FOREST							
200107061 TX HOUSTON TX 100.00%			TR TR TR	K-27; SEE EXHIBIT "Q" FOR; M&B DESCRIPTION & MAP;	58.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66301	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107062 TX HOUSTON TX 100.00%			TR	K-43;	161.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 88186	A	N
ALL THAT CERTAIN TRACT OR PARCEL OF LAND LYING AND BEING IN HOUSTON COUNTY, TEXAS, ON THE WATERS OF HICKORY CREEK, A TRIBUTARY OF THE NECHES RIVER, BEING ALL THE J. C. MOFFETT PATENTED SURVEY, A-772, DATED MAY 18, 1872. TRACT K-43 WAS ACQUIRED FROM MISS LEE ARRINGTON BY DEED DATED FEBRUARY 4, 1939 AND RECORDED IN VOLUME 194, PAGE 352, DEED RECORDS OF HOUSTON COUNTY, TEXAS, AND CONTAINS 161.00 ACRES, MORE OR LESS.							
DAVY CROCKETT NATIONAL FOREST							
200107063 TX HOUSTON TX 50.00%			TR TR TR	K-603; SEE EXHIBIT "R" FOR; M&B DESCRIPTION & MAP;	33.600  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J)	A	N
DAVY CROCKETT NATIONAL FOREST							
200107064 TX HOUSTON/TRINITY TX 100.00%			TR TR TR	K-1a-VI PARCEL #1; SEE EXHIBIT "S" FOR; M&B DESCRIPTION & MAP;	2,504.410  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66739 TXNM 66744	A	N
DAVY CROCKETT NATIONAL FOREST							
200107065 TX HOUSTON/TRINITY TX 100.00%			TR TR TR	K-1a-VI PARCEL #2; SEE EXHIBIT "T" FOR; M&B DESCRIPTION & MAP;	1,559.220  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66739 TXNM 66964	A	N
DAVY CROCKETT NATIONAL FOREST							



PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107066 TX HOUSTON/TRINITY TX 100.00%			TR TR TR	K-1b-VI PARCEL #1; SEE EXHIBIT "U" FOR; M&B DESCRIPTION & MAP;	1,448.730  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 66731	A	N
DAVY CROCKETT NATIONAL FOREST							
200107067 TX JASPER TX 100.00%			TR	E-402;	477.100  COE(NSO) AVAILABILITY STMT TOWN BLUFF LAKE TXNM 29022	A	N
477.1 ACRES IN THE N2 OF NEPOMISENO RECINDEZ SURVEY, A-766, JASPER COUNTY, TX, IDENTIFIED AS TRACT E-402 OF THE TOWNBLUFF DAM AND B.A. STEINHAGEN LAKE.  CORPS OF ENGINEERS SAM RAYBURN LAKE							
200107068 TX TRINITY TX 100.00%			TR TR TR	K-1a-I PARCEL #1; SEE EXHIBIT "V" FOR; M&B DESCRIPTION & MAP;	2,032.480  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 88208	A	N
DAVY CROCKETT NATIONAL FOREST							
200107069 TX TRINITY TX 100.00%			TR TR TR	K-10f; SEE EXHIBIT "W" FOR; M&B DESCRIPTION & MAP;	477.000  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 60616	A	N
DAVY CROCKETT NATIONAL FOREST							

PARCEL STATE COUNTY MERIDIAN U.S.INTEREST	TOWN SHIP	RANGE	SEC.	SUBDIVISION (A NUMERIC W/O A PREFIX IS A LOT)	ACRES STIPULATIONS NAME OLD SERIAL NO.	ACQUIRED OR PUBLIC DOMAIN	FUTURE INTEREST (YES/NO) REV DATE
200107070 TX TRINITY TX 100.00%			TR TR TR	K-10g,K-702; SEE EXHIBIT "X" FOR; M&B DESCRIPTION & MAP;	33.640  FS1 FS8(TX)(CSU#1A) FS8(TX)(CSU#1J) TXNM 60116	A	N
DAVY CROCKETT NATIONAL FOREST							

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1-III PARCEL #1  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
2,408.92 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Piney Creek, Cochino Bayou, and Walnut Creek, tributaries of the Neches River, embracing in whole or in part the following patented Surveys: John S. Carlton, A-272, dated December 20, 1859; Daniel M. Seymonds, A-951, dated December 16, 1872; B.B.B. & C.R.R. Co., A-220 dated July 28, 1873; J. H. Painter, A-1361, dated December 13, 1909; J. W. Stubblefield, A-997, dated December 2, 1902; M. E. Stubblefield, A-986, dated August 12, 1862; I.&G.N.R.R. Co. No. 16, A-587, dated November 3, 1876; I. & G.N.R.R. Co. No. 17, A-588, dated October 31, 1877; Rufus Arnold, A-118, dated May 12, 1860; Meredith Lynch, A-693, Dated October 13, 1859; Charles J. Grigsby, A-441, dated August 12, 1859; John Leach, A-683, dated August 24, 1907; and Stephen Stubblefield, A-972, dated November 5, 1861, identified herein as Tract K-1-III Parcel #1. Tract K-1-III Parcel #1 contains 2,408.92 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1-III was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 8 of USFS Tract K-1-III, the southwest corner of the John S. Carlton Survey, A-272;

**THENCE** N 00°53' W, common to said Carlton Survey and the John Carlton Survey, A-294, 4.10 chains to corner 9 of Tract K-1-III;

**THENCE** N 89°57' W, common to Daniel M. Seymonds Survey, A-951, and the John Carlton Survey, A-294, 22.60 chains to corner 10 of Tract K-1-III;

**THENCE** two lines common to the Daniel Seymonds Survey and the Berry J. Bray Survey, A-213:

N 00° 15' E, 14.10 chains to corner 11 of Tract K-1-III, a Forest Service standard concrete post marked K-385;  
West, 33.10 chains to corner 12 of Tract K-1-III;

**THENCE N 00°30' E, common to Daniel M. Seymonds Survey, and in part to the Thomas Smith Survey, A-967, the J. H. Painter Survey, A-1361, and J. W. Stubblefield Survey, A-997, 45.90 chains to corner 13 of Tract K-1-III;**

**THENCE nine lines within the Daniel Seymonds Survey:**

**S 89°15' E, 25.40 chains to corner 14 of Tract K-1-III;  
S 01°30' W, 12.00 chains to corner 15 of Tract K-1-III;  
N 89°15' E, 22.30 chains to corner 16 of Tract K-1-III;  
N 00°15' E, 23.50 chains to corner 17 of Tract K-1-III;  
N 89°15' W, 22.00 chains to corner 18 of Tract K-1-III;  
N 01°00' E, 10.90 Chains to corner 19 of Tract K-1-III;  
S 88°00' E, 10.30 chains to corner 20 of Tract K-1-III;  
N 00°15' E, 14.30 chains to corner 21 of Tract K-1-III;  
N 89°30' W, 35.70 chains to corner 22 of Tract K-1-III;**

**THENCE N 00°45' W, common to the Daniel M. Seymonds Survey and the Arch Baker Survey, A-1365, 14.40 chains to corner 23 of Tract K-1-III;**

**THENCE East, common to the Daniel M. Seymonds and Arch Baker Surveys, 35.20 chains to corner 24 of Tract K-1-III;**

**THENCE three lines common to the I. & G.N.R.R. Survey No. 17, A-588, and the Arch Baker Survey:**

**N 02°45' W, 12.30 chains to corner 25 of Tract K-1-III;  
S 89°00' W, 40.00 chains to corner 26 of Tract K-1-III;  
S 00°15' W, 5.20 chains to corner 27 of Tract K-1-III;**

**THENCE N 89°45' W, common in part to the I. & G.N.R.R. Co. Survey No. 17, the I. & G.N.R.R. Co. Survey No. 16, A-587, and the M. E. Stubblefield Survey, A-986 survey, 40.60 chains to corner 28 of Tract K-1-III;**

**THENCE S 00°30' W, common to the I. & G.N.R.R. Co. Survey No. 16 and the M. E. Stubblefield Survey, 23.20 chains to corner 29 of Tract K-1-III;**

**THENCE eight lines with the meanders of an old road within the M. E. Stubblefield Survey:**

**N 82°30' E, 2.23 chains to a point;  
N 70°00' E, 4.20 chains to a point;  
N 53°30' E, 8.19 chains to a point;  
N 81°00' E, 7.48 chains to a point;  
N 85°30' E, 4.62 chains to a point;  
S 79°00' E, 3.19 chains to a point;  
S 84°30' E, 10.94 chains to a point;  
S 57°00' E, 1.68 chains to corner 30 of Tract K-1-III;**

**THENCE S 00°15' E, common to the M. E. Stubblefield Survey and in part to the Arch Baker Survey and the J. W. Stubblefield Survey, A-997, 23.20 chains to corner 31 of Tract K-1-III, a F. S. standard concrete post marked K-386;**

**THENCE N 89° 45' w, common to the M. E. Stubblefield and the J. W. Stubblefield Surveys, 7.80 chains to corner 32 of Tract K-1-III;**

**THENCE S 01°30' W, in part within the J. W. Stubblefield Survey and in part within the J. H. Painter Survey, A-1361, 26.80 chains to corner 33 of Tract K-1-III;**

**THENCE S 89°15' W, common to the J. H. Painter Survey and the Thomas Smith Survey, A-967, 27.20 chains to corner 34 of Tract K-1-III;**

**THENCE South, common to the I. & G.N.R.R. Co. Survey No. 16 and the Thomas Smith Survey, 4.90 chains to corner 35 of Tract K-1-III;**

**THENCE West, common to the I. & G.N.R.R. Co. Survey No. 16 and the John S. Carlton Survey, A-293, 31.80 chains to corner 36 of Tract K-1-III;**

**THENCE N 00°15' E, common to the I. & G.N.R.R. Co. Survey No. 16 and the Solomon Albright Survey, A-101, 23.70 chains to corner 37 of Tract K-1-III;**

**THENCE West, common to the I. & G.N.R.R. Co. Survey No. 16 and the Solomon Albright Survey, 26.90 chains to corner 38 of Tract K-1-III, a F. S. standard concrete post marked K-328;**

**THENCE N 00°15' E, common to the I & G.N.R.R. Co. Survey No. 16 and the John Dickerson Survey, A-335, 33.80 chains to corner 39 of Tract K-1-III;**

**THENCE across Tract K-1-III a calculated bearing and distance of N 02°30' W, in part within the John Leach Survey, A-683, and in part common to the I. & G.N.R.R. Co. Survey No. 16 and the John Appleman Survey, A-105, 67.50 chains to corner 3 of Exception No. 2 to Tract K-1-III, the third corner of the Stephen Stubblefield Survey, A-937;**

**THENCE N 89°15' E, common to the Stephen Stubblefield Survey, A-937, and the I. & G.N.R.R. Co. Survey No. 16, 40.40 chains to corner 2 of Exception No. 2 to Track K-1-III;**

**THENCE N 00°15' E, common to the Stephen Stubblefield Surveys, A-937 and A-972, 40.20 chains to corner 1 of Exception No. 2 to Track K-1-III;**

**THENCE across Tract K-1-III a calculated bearing and distance of N 89°30' E, common to the Stephen Stubblefield Survey, A-972 and the Elizabeth Stubblefield Survey, A-940, 23.50 chains to corner 97 to Track K-1-III;**

**THENCE S 03°45' E, common to the Stephen Stubblefield Survey, A-972, and the George Turner Survey, A-1040, 5.90 chains to corner 98 of Tract K-1-III;**

**THENCE N 84°15' E, common in part to the Stephen Stubblefield Survey, A-972, and the Charles J. Grigsby Survey, A-441, and to the George W. Turner, A-1040, 57.30 chains to corner 99 of Tract K-1-III;**

**THENCE N 00°15' W, common to the Charles J. Grigsby and George W. Turner Surveys, 7.50 chains to corner 100 of Tract K-1-III;**

**THENCE N 85°45' E, common to the Charles J. Grigsby Survey and Edward Smith survey, A-933, 11.90 chains to corner 101 of Tract K-1-III;**

**THENCE S 03°30' E, common to the Charles J. Grigsby Survey and the Mary Ingraham Survey, A-1263, 59.40 chains to corner 102 of Tract K-1-III;**

**THENCE two lines common to the I. & G.N.R.R. Co. Survey No. 17 and the Mary Ingraham Survey:**

**N 84°45' E, 28.40 chains to corner 103 of Tract K-1-III;**

**N 04°15' W, 14.60 chains to corner 104 of Tract K-1-III;**

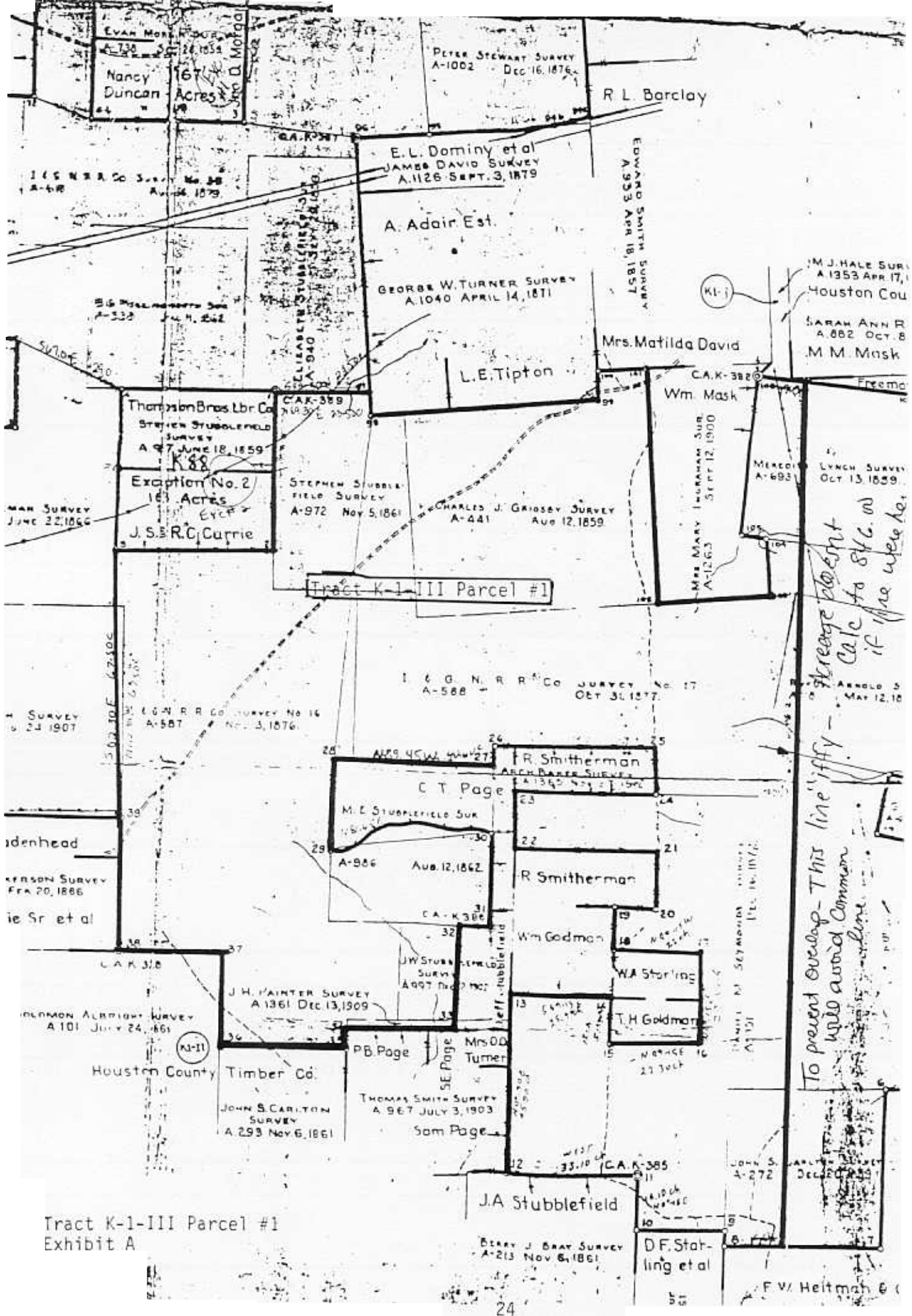
**THENCE two lines common to the Mary Ingraham Survey and the Meredith Lynch Survey, A-693:**

**N 83°30' W, 6.30 chains to corner 105 of Tract K-1-III;  
N 04°45' E, 40.50 chains to corner 106 of Tract K-1-III,  
a F. S. standard concrete post marked K-382;**

**THENCE S 84°45' E, common to the Meredith Lynch Survey and the M. J. Hale Survey, A-1353, a calculated distance of 12.00 chains to a point for corner.**

**THENCE South across Tract K-1-III, within the Meredith Lynch Survey, the I. & G.N.R.R. Co. Survey No. 17, the Rufus Arnold Survey, A-118, the B.B.B. & C.R.R. Survey, A-220, and the John Carlton Survey, A-272, having a calculated bearing and distance of S 00°00' 17" E, 221.21 chains to a point for corner on line between corners 7 and 8 of Tract K-1-III;**

**THENCE N 89°30' W, common to the John Carlton Survey and the B.B.B. & C.R.R. Survey, A-219, a calculated distance of 15.00 chains to the PLACE OF BEGINNING containing 2,408.92 acres of land, more or less.**





**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1-III PARCEL #2  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
1,374.38 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Piney Creek, Cochino Bayou, and Walnut Creek, tributaries of the Neches River, embracing in whole or in part the following patented Surveys: John Leach, A-683, dated August 24, 1907; John Appleman, A-105, dated June 22, 1866; Alonzo B. Follett, A-407, dated June 22, 1866; David Speer, A-914, dated July 26, 1861; Calvin C. Robinett, A-871, dated September 24, 1873; Joseph Rodgers, A-878, dated October 11, 1859; and B. G. Hollingsworth Survey, A-538, dated January 11, 1862, identified herein as Tract K-1-III Parcel #2. Tract K-1-III Parcel #2 contains 1,374.38 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1-III was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 39 of USFS Tract K-1-III, the beginning corner of the John Leach Survey, A-683, and the second corner of the John Dickerson Survey, A-335;

**THENCE** West, common to the John Leach survey and in part to the John Dickerson Survey and Caleb Letts & Levi Jordan Survey, A-695, 58.80 chains to corner 40 of Tract K-1-III, a Forest Service standard concrete post marked K-327;

**THENCE** S 89°15' W, in part with the Alonzo B. Follett Survey, A-407, the Calvin C. Robinett Survey, A-871, and the Caleb Lettes & Levi Jordan Survey, 42.40 chains to corner 41 of Tract K-1-III;

**THENCE** North, common to the Alonzo B. Follett and the Calvin C. Robinett Surveys, 28.40 chains to corner 42 of Tract K-1-III;

**THENCE** three lines within the Alonzo B. Follett Survey:

S 89°45' E, 6.30 chains to corner 43 of Tract K-1-III;  
N 01°45' W, 18.80 chains to corner 44 of Tract K-1-III;  
N 88°45' W, 5.90 chains to corner 45 of Tract K-1-III;

**THENCE S 89°00' W, in part within the Calvin C. Robinett Survey, and in part common to Calvin C. Robinett Survey and the George W. Prewitt Survey, A-829, 40.80 chains to corner 46 of Tract K-1-III;**

**THENCE S 85°45' W, common to the Calvin C. Robinett and George W. Prewitt Surveys, 12.90 chains to corner 47 of Tract K-1-III;**

**THENCE N 89°45' W, common to the Joseph Rodgers Survey, A-878, and in part to the George W. Prewitt Survey and the Jesse T. Prewitt Survey, A-830, 23.00 chains to corner 48 of Tract K-1-III;**

**THENCE N 00°45' W, within the Joseph Rodgers Survey, 27.30 chains to corner 49 of Tract K-1-III;**

**THENCE across Tract K-1-III, in part within the Joseph Rodgers Survey, the Calvin C. Robinett Survey, and the David Speer Survey, A-914, and common to the Tract K-1-III Parcel #3, A calculated bearing and distance of N 66°59'05" E, 118.07 chains to corner 1 of Exception No. 3 to Tract K-1-III, the fourth corner of the R. F. McCrummen survey, A-1383;**

**THENCE South, common to the R. F. McCrummen and David Speer Surveys, 22.20 chains to corner 4 of Exception No. 3 to Tract K-1-III;**

**THENCE N 89°15' E, common to the R. F. McCrummen Survey and in part to the David Speer Survey and the John Appleman Survey, A-105, 40.80 chains to corner 3 of Exception No.3 to Tract K-1-III;**

**THENCE N 00°30' W, common to the R. F. McCrummen Survey and the John Appleman Survey, 22.20 chains to corner 2 of Exception No. 3 to Tract K-1-III;**

**THENCE across Tract K-1-III, in part to the John Appleman Survey and the B. G. Hollingsworth Survey, A-538, a calculated bearing and distance of S 67°00' E, 29.00 chains to corner 4 of Exception No. 2 to Tract K-1-III, the second corner of the Stephen Stubblefield Survey, A-987, and the eighth corner of the John Appleman Survey, said line also common to Tract K-1-III Parcel #3;**

**THENCE S 00°45' W, common to the Stephen Stubblefield and the John Appleman Surveys, 40.40 chains to corner 3 of Exception No. 2 to Track K-1-III;**

**THENCE across Tract K-1-III a calculated bearing and distance of S 02°30' E, in part common to the I. & G.N.R.R. Co. Survey No. 16, A-587, and the John Appleman Survey, and in part within the John Leach Survey, 67.50 chains to the PLACE OF BEGINNING, containing 1,374.38 acres, more or less**



DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1-III PARCEL #3  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
2,468.28 ACRES

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Piney Creek, Cochino Bayou, and Walnut Creek, tributaries of the Neches River, embracing in whole or in part the following patented Surveys: Elizabeth Stubblefield, A-940, dated September 29, 1859; B. G. Hollingsworth, A-538, dated January 11, 1862; I. & G.N.R.R. No. 39, A-618, dated August 14, 1879; John Appleman, A-105, dated June 22, 1866; William Dillard, A-320, dated July 14, 1899; Henry W. Matchett, A-732, dated June 17, 1859; David Speer, A-914, dated July 26, 1861; William Harrison, A-480, dated November 20, 1899; Calvin Robinett, A-871, dated September 24, 1873; James Teague, A-1036, dated February 21, 1851; John Ritchey, A-886, dated October 14, 1859; Joseph N. Rodgers, A-878, dated October 11, 1859; William E. Hays, A-501, dated December 16, 1854, identified herein as Tract K-1-III Parcel #3. Tract K-1-III Parcel #3 contains 2,533.28 acres, more or less, SAVE and EXCEPT 65.00 acres within Exception No. 4 to Tract K-1-III, leaving a net area of 2,468.28 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1-III was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 49 of USFS Tract K-1-III, within the Joseph N. Rodgers Survey;

**THENCE** three lines within said Rodgers Survey:

S 88° 45' W, 12.00 chains to corner 50 of Tract K-1-III;  
N 01° 00' W, 3.40 chains to corner 51 of Tract K-1-III;  
S 89° 30' W, 12.70 chains to corner 52 of Tract K-1-III;

**THENCE** S 00° 15' E, common to said Rodgers Survey and the William E. Hays Survey,  
A-501, 15.50 chains to corner 53 of Tract K-1-III, a Forest Service standard concrete post marked K-334;

**THENCE West, common to the William E. Hays Survey and in part to the Joseph N. Rodgers Survey, the John Turner Survey, A-1048, and the Burnell Johnson Survey, A-650, 80.90 chains to corner 54 of Tract K-1-III, a F.S. standard concrete post marked K-333;**

**THENCE N 00° 45' W, common to the William Hays Survey and the Jarrett Allen Survey, A-104, 41.10 chains to corner 55 of Tract K-1-III;**

**THENCE East, within the William E. Hays Survey, 40.40 chains to corner 56 of Tract K-1-III;**

**THENCE N 01° 00' W, within the William E. Hays Survey, 39.50 chains to corner 57 of Tract K-1-III;**

**THENCE N 88° 30' E, common to the William E. Hays Survey and the James L. Richards Survey, 40.80 chains to corner 58 of Tract K-1-III;**

**THENCE S 01° 15' E, common to the William E. Hays and James L. Richards Surveys, 7.80 chains to corner 59 of Tract K-1-III;**

**THENCE N 88° 45' E, common to the James L. Richards Survey and the John J. Ritchey Survey, A-886, 15.10 chains to corner 60 of Tract K-1-III;**

**THENCE North, common to the Wm. D. Harrison Survey, A-480, and the James L. Richards Survey, 35.00 chains to corner 61 of Tract K-1-III;**

**THENCE West, common to the James L. Richards Survey and the James M. Teague Survey, A-1036, 14.50 chains to corner 62 of Tract K-1-III;**

**THENCE four lines within the James M. Teague Survey:**

**N 00° 45' W, 17.60 chains to corner 63 of Tract K-1-III;**

**N 89° 45' E, 5.70 chains to corner 64 of Tract K-1-III;**

**S 00° 30' E, 2.40 chains to corner 65 of Tract K-1-III;**

**N 88° 15' E, 20.00 chains to corner 66 of Tract K-1-III,**

**a F.S. standard concrete post marked K-25;**

**EXHIBIT C  
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**THENCE across Tract K-1-III, within the William D. Harrison Survey and common to Tract K-1-III Parcel #4A, a calculated bearing and distance of N 86° 49' 59" E, 43.49 chains to corner 69 of Tract K-1-III, the beginning corner of the Thomas Vaughn Survey, A-1054, and the Isaac Hodges Survey, A-502, a F.S. standard concrete post marked K-325;**

**THENCE East, common in part to the William D. Harrison Survey and the Henry W. Matchett Survey, A-732, and in part to the Isaac Hodges Survey and the John Hunt Survey, A-1222, 64.20 chains to corner 70 of Tract K-1-III;**

**THENCE S 02° 15' E, common to the Henry W. Matchett and the John Hunt Surveys, 7.40 chains to corner 71 of Tract K-1-III;**

**THENCE East, common in part to the William Dillard Survey, A-320, and the I. & G.N.R.R. Co. Survey No. 39, A-618, and to the John Hunt Survey, 42.70 chains to corner 72 of Tract K-1-III;**

**THENCE across Tract K-1-III, within the I. & G.N.R.R. Co. Survey No. 39 and common to Tract K-1-III Parcel #4B, a calculated bearing and distance of S 69° 30' E, 15.25 chains to corner 4 of Exception No. 1 of Tract K-1-III, the fourth corner of the I. & G.N.R.R. Co. Survey No. 39 and the third corner of the Evan Morgan Survey, A-738;**

**THENCE N 89° 45' E, common to the Evan Morgan Survey and the I. & G.N.R.R. Co. Survey No. 39, 40.50 chains to corner 3 of Exception No. 1 of Tract K-1-III;**

**THENCE across Tract K-1-III, within the I. & G.N.R.R. Co. Survey No. 39 and common to Tract K-1-III Parcel #4B, a calculated bearing and distance of S 83° 31' 48" E, 28.37 chains to corner 96 of Tract K-1-III, a F.S. standard concrete post marked K-387;**

**THENCE S 04° 45' E, common in part to the I. & G.N.R.R. Co. Survey No. 39 and the Elizabeth Stubblefield Survey, A-940, and in part to the James David Survey, A-1126, and the George W. Turner Survey, A-1040, 63.50 chains to corner 97 of Tract K-1-III;**

**THENCE S 89° 30' W, across Tract K-1-III, common to the Elizabeth Stubblefield Survey and the Stephen Stubblefield Survey, A-972, and common to Tract K-1-III Parcel #1,**

**EXHIBIT C**  
**Page 4 of 4**

**a calculated distance of 23.50 chains to corner 1 of Exception No. 2 of Tract K-1-III, a part of which is also known as Forest Service Tract K-88, a F.S. standard concrete post marked K-389;**

**THENCE continuing S 89° 30' W, common to the Stephen Stubblefield Survey, A-937, and in part to the Elizabeth Stubblefield Survey and the B. G. Hollingsworth Survey, A-538, 40.00 chains to corner 4 of Exception No. 2 of Tract K-1-III, the eighth corner of the John Appleman Survey, A-105;**

**THENCE across Tract K-1-III, within the B. G. Hollingsworth and John Appleman Surveys and common to Tract K-1-III Parcel #2, a calculated bearing and distance of N 67° 00' W, 29.00 chains to corner 2 of Exception No. 3 of Tract K-1-III, the beginning corner of the R. F. McCrummen Survey, A-1383, and the third corner of the William Dillard Survey, A-320;**

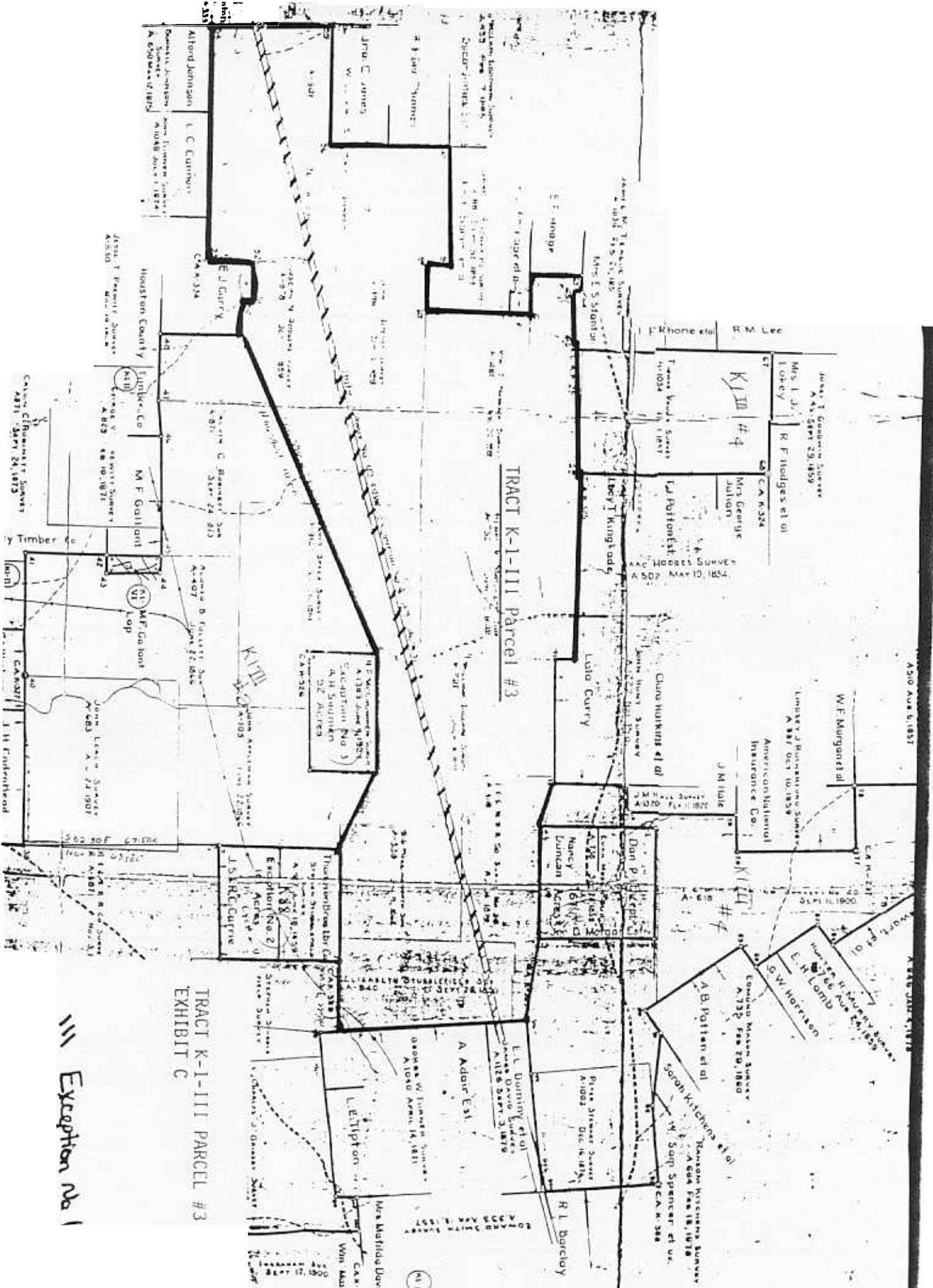
**THENCE S 89° 15' W, common to the R. F. McCrummen and the William Dillard Surveys, 40.60 chains to corner 1 of Exception No. 3 of Tract K-1-III;**

**THENCE across Tract K-1-III, in part within the David Speer Survey, A-914, the Calvin C. Robinett Survey, A-871, and the Joseph Rodgers Survey, A-878, and common to Tract K-1-III Parcel #2, a calculated bearing and distance of S 66° 59' 05" W, 118.07 chains to the place of beginning containing 2,533.28 acres of land, more or less, SAVE AND EXCEPT 65.00 acres within Exception No. 4 to Tract K-1-III, the right-of-way of State Highway 7, leaving a net area of 2,468.28 acres, more or less.**

**Exception No. 4 to Tract K-1-III, 65.00 acres: All that certain parcel of land lying within the right of way lines of State Highway No. 7, as now located, within the following surveys: William E. Hays, Joseph N. Rodgers, John J. Ritchey, Calvin C. Robinett, David Speer, William Dillard, John Appleman, I. & G.N.R.R. Co. No. 39, B. G. Hollingsworth and Elizabeth Stubblefield, and being 1.82 chains in width and beginning on the boundary line of Tract K-1-III between corners 54 and 55 thereof, and running thence in a northeasterly direction to the boundary line of Tract K-1-III**



**between corners 96 and 97 thereof, containing 65 acres, more or less.**



TRACT K-1-III PARCEL #3  
EXHIBIT C

Exception No 1

DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1-III PARCEL #4A and #4B  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
1,263.27 ACRES

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Piney Creek, Cochino Bayou, and Walnut Creek, tributaries of the Neches River, consisting of two portions of Tract K-1-III containing a total of 1,263.27 acres, more or less, and described herein for mineral leasing purposes. Parcel #4A contains 295.45 acres, more or less, and embraces in whole or in part the Thomas Vaughn Survey, A-1054, dated August 1, 1857, and the William D. Harrison Survey, A-480, dated November 20, 1899. Parcel #4B contains a total of 967.82 acres, more or less, and embraces in whole or in part the I. & G.N.R.R. No. 39, A-618, dated August 14, 1879; the I. & G.N.R.R. No. 40, A-619, dated September 11, 1900, and the Peter Stewart Survey, A-1002, dated December 16, 1876. Tract K-1-III was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

Parcel #4A, 295.45 acres: BEGINNING at corner 66 of U. S. Forest Service Tract K-1-III, a F.S. standard concrete post marked K-25;

THENCE North, common in part to the William D. Harrison Survey, A-480, and the Thomas Vaughn Survey, A-1054, and in part to the James M. Teague Survey, A-1036, the Charles Casmer Survey, A-285, and the Nancy Coons Survey, A-273, 68.80 chains to corner 67 of Tract K-1-III;

THENCE East, common to the Thomas Vaughn Survey and the Joseph T. Goodwin Survey, A-45, 44.00 chains to corner 68 of Tract K-1-III, a F.S. standard concrete post marked K-324;

THENCE S 00° 30' W, common to the Thomas Vaughn Survey and the Isaac Hodges Survey, A-502, 66.40 chains to corner 69 of Tract K-1-III, a F.S. standard concrete post marked K-325;

THENCE across Tract K-1-III, within the William D. Harrison Survey and common to Tract K-1-III Parcel #3, a calculated bearing and distance of S 86° 49' 59" W, 43.49 chains to the place of beginning containing 295.45 acres of land, more or less.

**Parcel #4B, 967.82 acres:** BEGINNING at corner 72 of U. S. Forest Service Tract K-1-III, the beginning corner of the I. & G.N.R.R. Co. Survey No. 39 and the fourth corner of the John Hunt Survey, A-1222;

THENCE N 00° 15' E, common to the I. & G.N.R.R. Co. Survey No. 39 and the John Hunt Survey, 26.20 chains to corner 73 of Tract K-1-III;

THENCE N 89° 45' E, common to the I. & G.N.R.R. Co. Survey No. 39 and the J. M. Hale Survey, A-1370, 9.50 chains to corner 74 of Tract K-1-III, a F.S. standard concrete post marked K-191;

THENCE N 00° 15' W, common to the I. & G.N.R.R. Co. Survey No. 40 and the J. M. Hale Survey, 36.50 chains to corner 75 of Tract K-1-III;

THENCE three lines common to the I. & G.N.R.R. Co. Survey No. 40 and the Lindsey J. Rutherford Survey, A-887:

N 89° 30' E, 13.00 chains to corner 76 of Tract K-1-III;  
N 01° 00' W, 40.10 chains to corner 77 of Tract K-1-III,  
a F.S. standard concrete post marked K-237;  
S 88° 45' W, 22.50 chains to corner 78 of Tract K-1-III;

THENCE N 00° 45' W, common to the I. & G.N.R.R. Co. Survey No. 40 and in part to the Abel Hodges Survey, A-510, and the Shirley Goodwin Survey, A-439, 72.20 chains to corner 79 of Tract K-1-III, a F.S. standard concrete post marked K-321;

THENCE nine lines common to the I. & G.N.R.R. Co. Survey No. 40 and the G. W. Harrison Survey, A-1382:

East, 8.45 chains to corner 79a, a point;  
S 36° 45' E, 0.72 chains to corner 79b, a point;  
S 73° 00' E, 6.41 chains to corner 79c, a point;  
S 76° 15' E, 1.57 chains to corner 79d, a point;  
N 88° 45' E, 6.67 chains to corner 79e, a point;  
N 81° 45' E, 11.12 chains to corner 79f, a point;  
N 81° 00' E, 2.40 chains to corner 79g, a point;  
N 06° 15' W, 0.65 chains to corner 79h, a point;  
East, 4.20 chains to corner 80 of Tract K-1-III;

**THENCE N 02° 15' E, common to the I. & G.N.R.R. Co. Survey No. 40 and in part to the G. W. Harrison Survey, 8.50 chains to corner 81 of Tract K-1-III;**

**THENCE S 89° 45' E, common to the I. & G.N.R.R. Co. Survey No. 40 and the Jane Thompson Survey, A-1029, 4.20 chains to corner 82 of Tract K-1-III;**

**THENCE S 34° 45' E, common to the I. & G.N.R.R. Co. Survey No. 40 and the McKinney & Williams Survey, A-760, 18.80 chains to corner 83 of Tract K-1-III;**

**THENCE S 55° 30' W, within the I. & G.N.R.R. Co. Survey No. 40, 40.60 chains to corner 84 of Tract K-1-III;**

**THENCE S 34° 00' E, within the I. & G.N.R.R. Co. Survey No. 40, 20.00 chains to corner 85 of Tract K-1-III;**

**THENCE S 35° 15' E, common to the I. & G.N.R.R. Co. Survey No. 40, and the Sion Prichard Survey, A-846, 40.40 chains to corner 86 of Tract K-1-III;**

**THENCE S 53° 45' W, common to the I. & G.N.R.R. Co. Survey No. 40, and the Hunter R. Murray Survey, A-766, 8.50 chains to corner 87 of Tract K-1-III;**

**THENCE S 34° 45' E, common to the I. & G.N.R.R. Co. Survey No. 40, and the Hunter R. Murray Survey, 25.50 chains to corner 88 of Tract K-1-III;**

**THENCE S 55° 00' W, common to the I. & G.N.R.R. Co. Survey No. 40, and the Edmund Mason Survey, A-735, 8.40 chains to corner 89 of Tract K-1-III;**

**THENCE S 34° 45' E, common in part to the I. & G.N.R.R. Co. Survey No. 40, the I. & G.N.R.R. Co. Survey No. 39, A-618, and to the Edmund Mason Survey, 39.30 chains to corner 90 of Tract K-1-III;**

**THENCE N 55° 45' E, common to the I. & G.N.R.R. Co. Survey No. 39 and the Edmund Mason Survey, 9.20 chains to corner 91 of Tract K-1-III;**

**THENCE S 84° 30' E, common to the I. & G.N.R.R. Co. Survey No. 39 and the Ransom Kitchens Survey, A-664, 25.00 chains to corner 92 of Tract K-1-III;**

**THENCE N 85° 15' E, common to the Ransom Kitchens Survey and the Peter Stewart Survey, A-1002, 27.40 chains to corner 93 of Tract K-1-III, a F.S. standard concrete post marked K-388;**

**THENCE S 05° 00' E, common to the Peter Stewart Survey and in part to the Ransom Kitchens Survey and the Edward Smith Survey, A-933, 38.30 chains to corner 94a of Tract K-1-III, a point on the northwest right-of-way line of State Highway No. 103;**

**THENCE in a southwesterly direction, with the northwest right-of-way line of said highway, within the Peter Stewart Survey, 8.90 chains to corner 94b, a point on the north boundary line of the James David Survey, A-1126, having a calculated chord bearing and distance of S 74° 26' 45" W, 8.85 chains;**

**THENCE S 84° 00' W, common to the Peter Stewart and James David Surveys, 32.10 chains to corner 95 of Tract K-1-III;**

**THENCE S 85° 30' W, common to the I. & G.N.R.R. Co. Survey No. 39 and the James David Survey, 18.40 chains to corner 96 of Tract K-1-III, a F.S. standard concrete post marked K-387;**

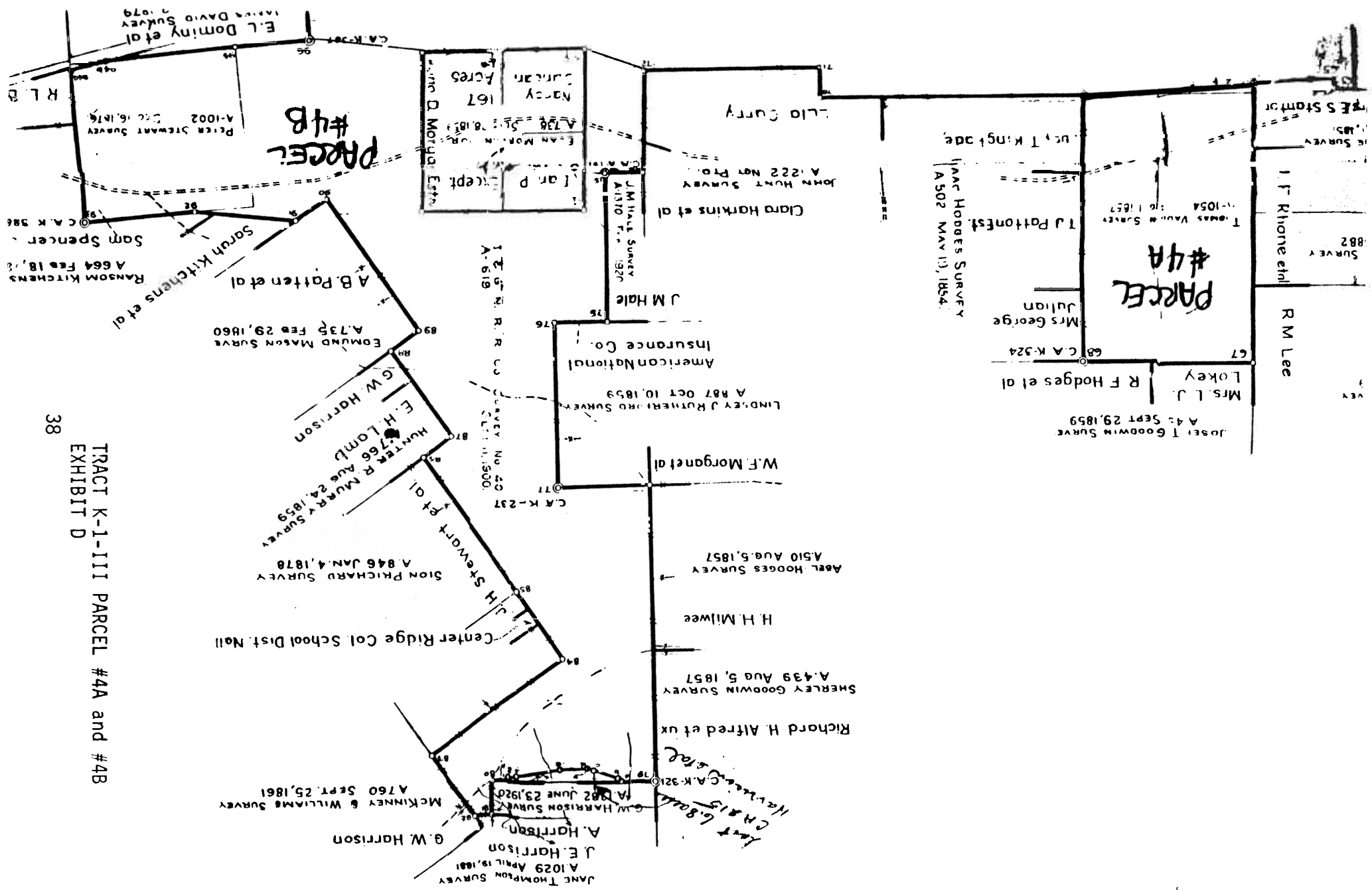
**THENCE across Tract K-1-III, within the I. & G.N.R.R. Co. Survey No. 39 and common to Tract K-1-III Parcel #3, a calculated bearing and distance of N 83° 31' 48" W, 28.37 chains to corner 3 of Exception No. 1 of Tract K-1-III, the fourth corner of the Evan Morgan Survey, A-738;**

**THENCE N 00° 15' E, common to the Evan Morgan Survey and the I. & G.N.R.R. Co. Survey No. 39, 40.70 chains to corner 2 of Exception No. 1 of Tract K-1-III, the beginning corner of the Evan Morgan Survey;**

**THENCE N 89° 45' W, common to the Evan Morgan Survey and the I. & G.N.R.R. Co. Survey No. 40, 40.20 chains to corner 1 of Exception No. 1 of Tract K-1-III, the second corner of the Evan Morgan Survey. From this corner, corner 74 of Tract K-1-III bears S 29° 15' W, 10.90 chains distant;**

**THENCE S 00° 30' W, common to the Evan Morgan Survey and in part to the I. & G.N.R.R. Co. No. 39 and No. 40 Surveys, 41.10 chains to corner 4 of Exception No. 1 of Tract K-1-III, the third corner of the Evan Morgan Survey;**

**THENCE across Tract K-1-III, within the I. & G.N.R.R. Co. Survey No. 39 and common to Tract K-1-III Parcel #3, a calculated bearing and distance of N 69° 30' W, 15.25 chains to the PLACE OF BEGINNING containing 967.82 acres of land, more or less.**



TRACT K-1-III PARCEL #4A and #4B  
EXHIBIT D

DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-I PARCEL #2  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON AND TRINITY COUNTIES, TEXAS  
2,133.37 ACRES

All that certain tract or parcel of land lying and being in Houston and Trinity Counties, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in part the Alexander Henry patented Survey, A-822, dated August 30, 1847, the J.J. de los Reyes Survey, A-73, dated October 12, 1835, and the John Appleman Survey, A-816, dated July 3, 1847, identified herein as Tract K-1a-I Parcel #2. Tract K-1a-I Parcel #2 contains 2,133.37 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-I was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 83, Page 31-44, Deed Records of Trinity County, Texas and recorded in Volume 171, Page 61 et seq., Deed Records of Houston County, Texas.

**BEGINNING** at corner 43 of USFS Tract K-1a-I, within the J. J. de los Reyes Survey, a Forest Service standard concrete post marked K-74;

**THENCE** three lines within the J. J. de los Reyes Survey:

S 81° 15' E, 118.30 chains to corner 44 of Tract K-1a-I;  
S 44° 00' W, 1.80 chains to corner 45 of Tract K-1a-I;  
S 47° 00' E, 36.40 chains to corner 46 of Tract K-1a-I;

**THENCE** S 09° 30' W, in part with the J. J. de los Reyes Survey and in part common to the A. Henry Survey, A-822, and to the Richard Williams Survey, A-438, and the Jacob Buhlman Survey, A-81, 64.90 chains to corner 47 of Tract K-1a-I;

**THENCE** across Tract K-1a-I, in part within the A. Henry Survey, the J.J. de los Reyes Survey and the John Appleman Survey, A-816, and common in part to Tract K-1a-I Parcel #1 and BLM issued Lease NM-91528, a calculated bearing and distance of S 86° 17' 08" W, 220.18 chains to a point for corner, said point being the northwest corner of issued BLM Lease NM-91528;



**THENCE N 09° 23' 24" E, common to the John Appleman Survey and in part to the J. R. Hancock Survey, A-536 and the J. R. Hancock Survey, A-534, a calculated distance of 44.66 chains to corner 7 of Tract K-1a-I, a F.S. standard concrete post marked K-91;**

**THENCE across Tract K-1a-I, common to the John Appleman Survey and in part to the J. R. Hancock Survey, A-542, and the Fountain R. Floyd Survey, A-405, and common to Tract K-1a-I Parcel #4, a calculated bearing and distance of N 09° 29' 37" E, 62.54 chains to corner 6 of Exception No. 1 of Tract K-1a-I, a F.S. standard concrete post marked K-72;**

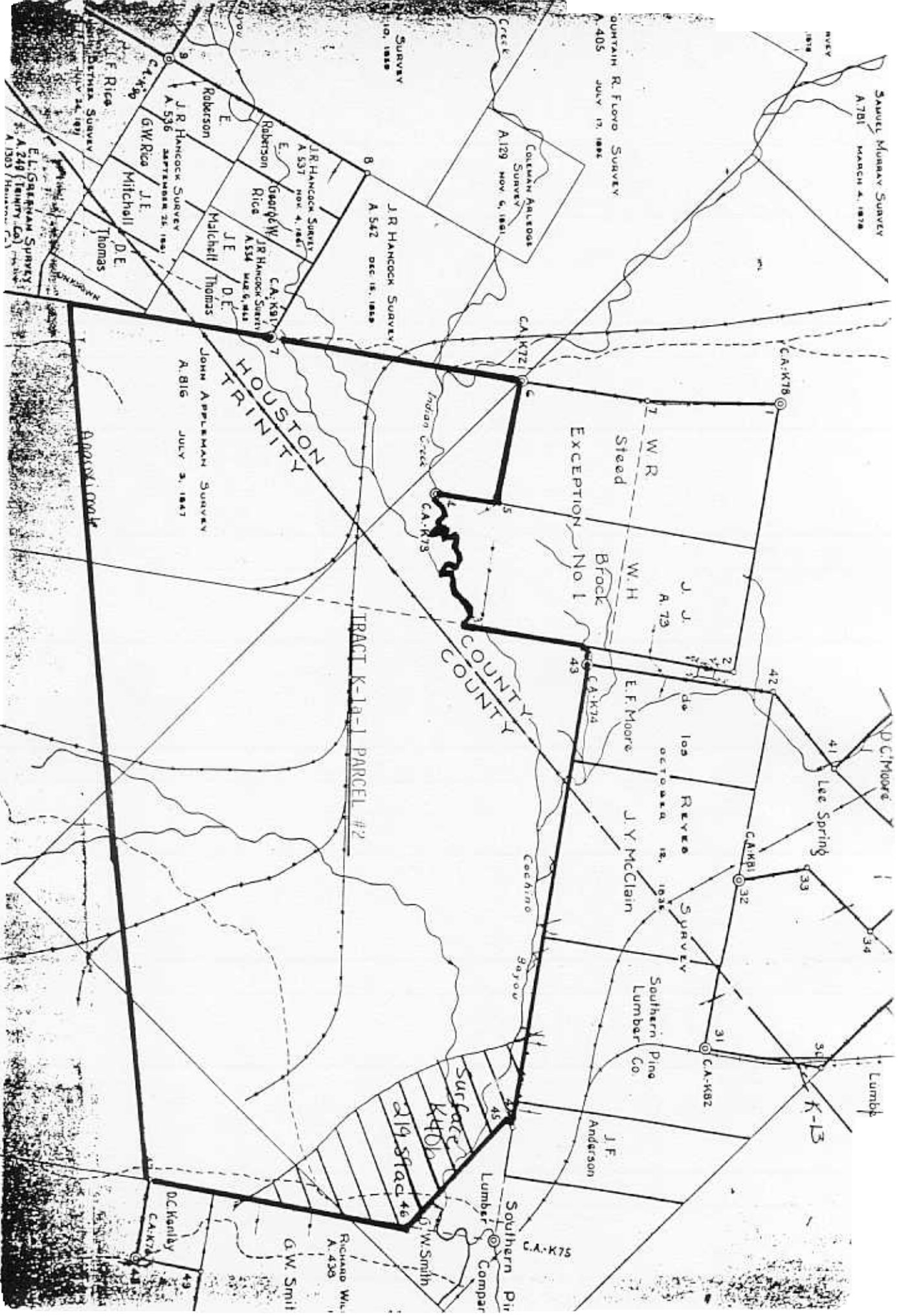
**THENCE two lines within the J. J. de los Reyes Survey:**

**S 80° 00' E, 31.60 chains to corner 5 of Exception No. 1 of Tract K-1a-I;  
S 08° 00' W, 15.70 chains to corner 4 of Exception No. 1 of Tract K-1a-I,  
a point in the center of Indian Creek;**

**THENCE in a general northeasterly direction, down and with the meanders of Indian Creek to its junction with Cochino Bayou, 59.45 chains to corner 3 of Exception No. 1 of Tract K-1a-I, a point in the center of Cochino Bayou, having a calculated chord bearing and distance of N 77° 55' 28" E, 32.56 chains;**

**THENCE N 10° 00' E, within the J. J. de los Reyes Survey, a calculated distance of 32.00 chains to a point for corner on line between corners 3 and 2 of Exception No. 1 of Tract K-1a-I;**

**THENCE S 81° 15' E, across Tract K-1a-I, within the J. J. de los Reyes Survey and common to Tract K-1a-I Parcel #3, a calculated distance of 4.25 chains to the place of beginning containing 2,133.37 acres of land, more or less, with approximately 328.00 acres lying within Houston County and approximately 1,805.37 acres lying within Trinity County and also being subject to 219.59 surface-only acres, identified as Tract K-40b, exchanged to Temple-Inland Forest Products Corporation in Exchange Deed dated June 6, 1991 and recorded in Volume 505, Pages 172, et seq., Deed Records of Trinity County.**



DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-I PARCEL #3  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
2,440.54 ACRES

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in part the I. & G.N.R.R. Co. Survey No. 21, A-592, dated October 30, 1877, the J.J. de los Reyes Survey, A-73, dated October 12, 1835, and the William T. English Survey, A-361, dated September 23, 1871, identified herein as Tract K-1a-I Parcel #3. Tract K-1a-I Parcel #3 contains a net area of 2,440.54 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-I was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 83, Page 31-44, Deed Records of Trinity County, Texas and recorded in Volume 171, Page 61 et seq., Deed Records of Houston County, Texas.

BEGINNING at corner 23 of USFS Tract K-1a-I, the fourth corner of the I. & G.N.R.R. Co. No. 21 Survey and a corner of the B. H. Caraway Survey, A-292;

THENCE N 20° 15' W, common to the I. & G.N.R.R. Co. No. 21 Survey and the B. H. Caraway Survey, 19.30 chains to corner 24 of Tract K-1a-I, a F.S. standard concrete post marked K-86;

THENCE two lines common to the I. & G.N.R.R. Co. No. 21 Survey and the I. & G.N.R.R. Co. No. 22 Survey, A-593:

N 46° 00' E, 61.10 chains to corner 25 of Tract K-1a-I;  
S 46° 00' E, 7.60 chains to corner 26 of Tract K-1a-I,  
a F.S. standard concrete post marked K-85;

THENCE N 45° 15' E, common to the William T. English Survey, A-361, and in part to the I. & G.N.R.R. Co. No. 22 Survey, and the I. & G.N.R.R. Co. No. 23 Survey, A-594, 97.10 chains to corner 27 of Tract K-1a-I, a Forest Service standard concrete post marked K-84;

**THENCE S 45° 00' E, common to the William T. English Survey and in part to the I. & G.N.R.R. Co. No. 23 Survey, and the I. & G.N.R.R. Co. No. 24 Survey, A-595, 78.70 chains to corner 28 of Tract K-1a-I;**

**THENCE S 45° 45' W, common to the William T. English and the I. & G.N.R.R. Co. No. 24 Survey, 37.80 chains to corner 29 of Tract K-1a-I;**

**THENCE S 45° 15' E, common to the J. J. de los Reyes Survey and in part to the I. & G.N.R.R. Co. No. 24 Survey, the I. & G.N.R.R. Co. No. 25 Survey, A-615, and the I. & G.N.R.R. Co. No. 59 Survey, A-1135, 152.70 chains to corner 30 of Tract K-1a-I;**

**THENCE thirteen lines within the J. J. de los Reyes Survey:**

**S 10° 00' W, 28.90 chains to corner 31 of Tract K-1a-I,  
a F.S. standard concrete post marked K-82;  
N 79° 45' W, 43.50 chains to corner 32 of Tract K-1a-I,  
a F.S. standard concrete post marked K-81;**

**N 11° 15' W, 17.40 chains to corner 33 of Tract K-1a-I;  
N 45° 00' E, 22.40 chains to corner 34 of Tract K-1a-I;  
N 45° 45' W, 22.50 chains to corner 35 of Tract K-1a-I;  
N 45° 00' E, 4.30 chains to corner 36 of Tract K-1a-I,  
a F.S. standard concrete post marked K-80;  
N 46° 30' W, 20.20 chains to corner 37 of Tract K-1a-I;  
S 43° 45' W, 19.90 chains to corner 38 of Tract K-1a-I;  
N 46° 30' W, 22.00 chains to corner 39 of Tract K-1a-I;  
S 44° 00' W, 18.80 chains to corner 40 of Tract K-1a-I,  
a F.S. standard concrete post marked K-79;  
S 45° 45' E, 41.40 chains to corner 41 of Tract K-1a-I;  
S 51° 45' W, 24.70 chains to corner 42 of Tract K-1a-I;  
S 07° 45' W, 46.70 chains to corner 43 of Tract K-1a-I,  
a F.S. standard concrete post marked K-74;**

**THENCE across Tract K-1a-I, within the J. J. de los Reyes Survey and common to Tract K-1a-I Parcel #2, a calculated bearing and distance of N 81° 15' W, 4.25 chains to a point for corner, said point being on line between corners 2d and 3 of Tract K-1a-I  
Exception No. 1;**

**THENCE six lines within the J. J. de los Reyes Survey and with Tract K-1a-I Exception No. 1:**

**N 10° 00' E, a calculated distance of 28.55 chains to corner 2d of Tract K-1a-I Exception No. 1;  
S 89° 03' E, 2.676 chains to corner 2c of Tract K-1a-I Exception No. 1;  
N 03° 37' E, 3.356 chains to corner 2b of Tract K-1a-I Exception No. 1;  
N 80° 38' W, 2.27 chains to corner 2a of Tract K-1a-I Exception No. 1;  
N 10° 00' E, 3.754 chains to corner 2 of Tract K-1a-I Exception No. 1;  
N 80° 30' W, 69.00 chains to corner 1 of Tract K-1a-I Exception No. 1,  
a F.S. standard concrete post marked K-78;**

**THENCE across Tract K-1a-I, within the J. J. de los Reyes Survey and in part within the I. & G.N.R.R. Co. No. 21 Survey and common to Tract K-1a-I Parcel #4, a calculated bearing and distance of N 46° 28' 06" W, 111.44 chains to the place of beginning containing 2560.54 acres of land, more or less, SAVE AND EXCEPT, approximately 120.00 acres lying within Tract K-1a-I Exception No. 2 and described below, leaving an area available of 2,440.54 acres, more or less. This area is also subject to 287.70 surface-only acres identified as Tract K-40c and 255.69 surface-only acres, identified as Tract K-40d, exchanged to Temple-Inland Forest Products Corporation in Exchange Deed dated June 6, 1991 and recorded in Volume 505, Pages 172, et seq., Deed Records of Trinity County. Tract K-1a-I Parcel #3 is also subject to 3.26 surface-only acres, identified as Tract K-13, which were exchanged to Temple-Eastex on August 17, 1978, and described below.**

**Tract K-1a-I Exception No. 2: BEGINNING at corner 1 in the William T. English Survey, A-361, a stake witnessed by scribed bearing trees;**

**THENCE N 46° 15' E, within the William T. English Survey, 24.30 chains to corner 2 of Tract K-1a-I Exception No. 2;**

**THENCE S 45° 15' E, within the William T. English Survey and the J. J. de los Reyes Survey, A-73. At 28.40 chains the northwest line of the J.J. de los Reyes Survey, a F.S. standard concrete post marked K-83. From this point, corner 29 of Tract K-1a-I bears N 45° 30' E, 18.30 chains distant. At 51.50 chains corner 3 of Tract K-1a-I Exception No. 2;**

**THENCE two lines within the J. J. de los Reyes Survey:**

**S 46° 00' W, 21.50 chains to corner 4 of Tract K-1a-I Exception No. 2;  
N 45° 15' W, 23.10 chains to corner 5 of Tract K-1a-I Exception No. 2;**

**THENCE S 45° 00' W, common to the J. J. de los Reyes and the William T. English Surveys, 2.70 chains to corner 6 of Tract K-1a-I Exception No. 2;**

**THENCE N 45° 30' W, within the William T. English Survey, 28.50 chains to the place of beginning, containing 120 acres, be the same more or less.**

**Tract K-13: All that certain tract or parcel of land lying and being in Houston and Trinity Counties, Texas and being a part of the J. J. de los Reyes Survey, A-73, dated October 12, 1835.**

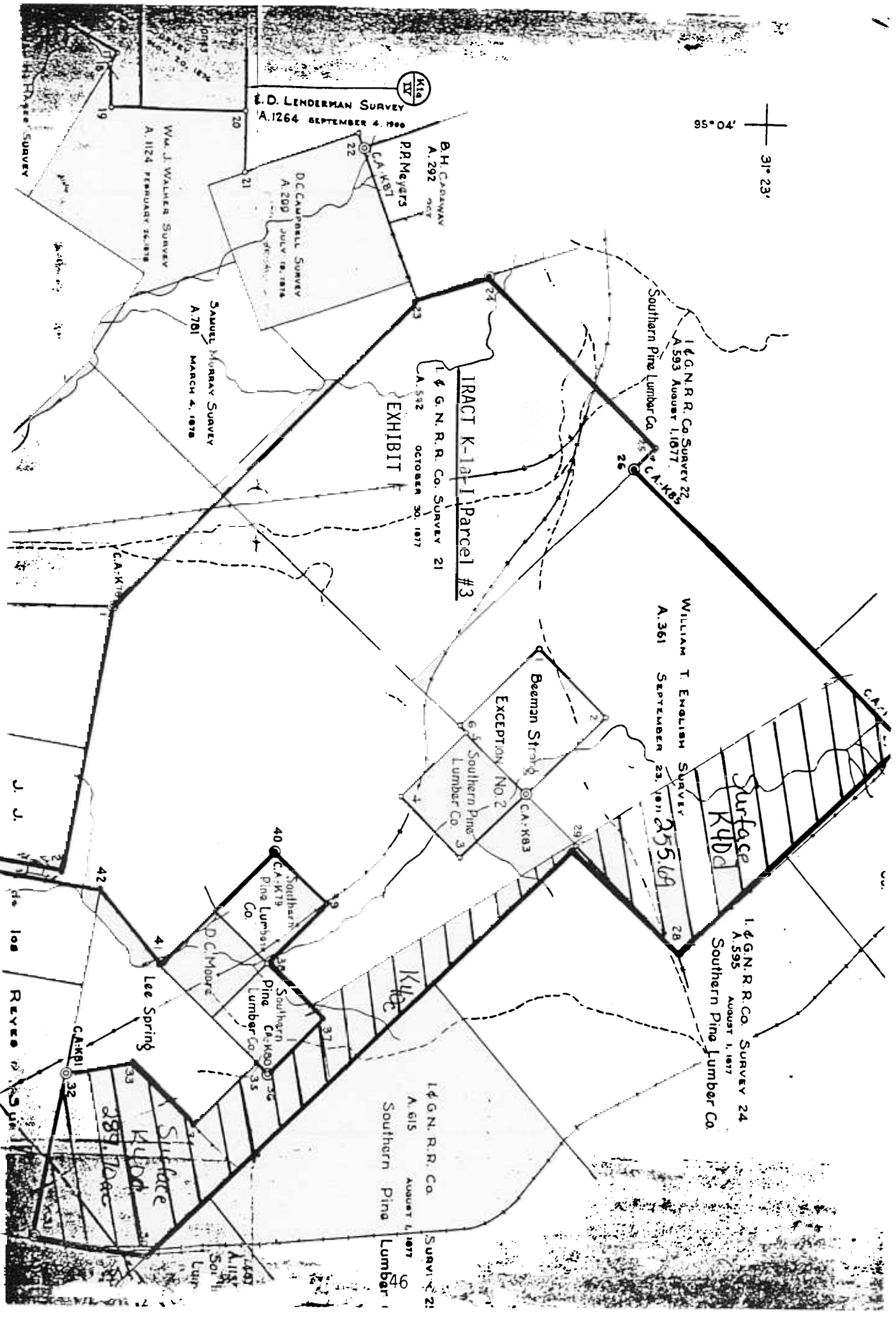
**BEGINNING at corner 1 of Tract K-13, same being corner 30 of USA Tract K-1a-I on the north east line of the said de los Reyes Survey, common to the southwest line of the I. & G.N.R.R. Co. Survey No. 59, A-1135, dated February 10, 1879;**

**THENCE S 10° 00' W, at about 647 feet, cross the Houston-Trinity County line, at 897.47 feet, cross a 4" x 4" concrete monument with marked bearing trees, 1058.97 feet to corner 2 of Tract K-13, an iron pin on line between corners 30 and 31 of said Tract K-1a-I;**

**THENCE N 02° 09' 20" W, 1273.56 feet to corner 3 of Tract K-13, an iron pin on line between corners 29 and 30 of said Tract K-1a-I;**

**THENCE S 45° 15' E, at 55 feet cross a 4" x 4" concrete monument with marked bearing trees, at 326.38 feet the place or point of beginning, containing 3.26 acres of land, more or less.**

31° 23'  
95° 04'



TRACT K-1a-1 PARCEL #3  
EXHIBIT F

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-I PARCEL #4  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
2,459.87 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in part the following patented surveys: J. R. Hancock, A-542, dated December 15, 1859; Wm. D. Harrison, A-478, dated October 10, 1859; Coleman Arledge, A-129, dated November 6, 1861; Fountain R. Floyd, A-405, dated July 17, 1895; Samuel Murray, A-781, dated March 4, 1878; J.J. de los Reyes Survey, A-73, dated October 12, 1835; I. & G.N.R.R. Co. Survey No. 21, A-592, dated October 30, 1877, D. C. Campbell, A-299, dated July 19, 1876; William J. Walker, A-1124, dated February 26, 1878; Samuel H. Hager, A-1131, dated August 13, 1879; W. R. McClain, A-788, dated January 7, 1876; and J. R. Hancock, A-533, dated November 18, 1861; identified herein as Tract K-1a-I Parcel #4. Tract K-1a-I Parcel #4 contains 2,459.87 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-I was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 83, Page 31-44, Deed Records of Trinity County, Texas and recorded in Volume 171, Page 61 et seq., Deed Records of Houston County, Texas.

**BEGINNING** at corner 7 of USFS Tract K-1a-I, the second corner of the J. R. Hancock Survey, A-534, and the fourth corner of the J. R. Hancock Survey, A-542, a Forest Service standard concrete post marked K-91;

**THENCE** N 60° 45' W, common to the J. R. Hancock Survey, A-542, and in part to the J. R. Hancock Survey, A-534, and the J. R. Hancock Survey, A-537, 48.30 chains to corner 8 of Tract K-1a-I;

**THENCE** S 30° 15' W, common to the Wm. D. Harrison Survey and in part to the J. R. Hancock Survey, A-537 and the J. R. Hancock Survey, A-536, 57.50 chains to corner 9, a F.S. standard concrete post marked K-90;

**THENCE** N 58° 45' W, common in part to the Wm. D. Harrison Survey and the J. R. Hancock Survey, A-533, and in part to the George G. Alford Survey, A-127, and the James Walker Survey, A-1062, 101.50 chains to corner 10 of Tract K-1a-I;



**THENCE N 29° 45' E, common to the J. R. Hancock Survey, A-533, and the John F. Arledge Survey, A-130, 36.30 chains to corner 11 of Tract K-1a-I, a F.S. standard concrete post marked K-89;**

**THENCE S 58° 45' E, common to the J. R. Hancock Survey, A-533, and the W. R. McClain Survey, A-788, 22.10 chains to corner 12 of Tract K-1a-I;**

**THENCE N 30° 45' E, common to the Wm. D. Harrison Survey, A-478 and the W. R. McClain Survey, 27.70 chains to corner 13 of Tract K-1a-I;**

**THENCE N 59° 00' W, common to the Samuel H. Hager Survey, A-1131, and the W. R. McClain Survey, 29.60 chains to corner 14 of Tract K-1a-I;**

**THENCE S 31° 00' W, within the W. R. McClain Survey, 27.80 to corner 15 of Tract K-1a-I;**

**THENCE N 58° 45' W, common to the W. R. McClain and the John F. Arledge Surveys, 14.80 chains to corner 16 of Tract K-1a-I;**

**THENCE N 30° 15' E, common in part to the W. R. McClain and Samuel Hager Surveys and in part to the J. J. Williams Survey, A-1088, and the A. J. Selman Survey, A-996, 64.50 chains to corner 17 of Tract K-1a-I;**

**THENCE S 59° 45' E, common to the Samuel Hager and the A. J. Selman Surveys, 3.30 chains to corner 18 of Tract K-1a-I;**

**THENCE N 87° 30' E, common to the Wm. J. Walker Survey, A-1124, and the A. J. Selman Survey, 11.10 chains to corner 19 of Tract K-1a-I;**

**THENCE N 00° 15' W, common to the Wm. J. Walker and the A. J. Selman Surveys, 34.10 chains to corner 20 of Tract K-1a-I;**

**THENCE N 89° 30' E, common to the Wm. J. Walker Survey and the E. D. Lenderman Survey, A-1264, 15.80 chains to corner 21 of Tract K-1a-I;**

**THENCE N 20° 30' W, common to the E. D. Lenderman Survey and the D. C. Campbell Survey, A-299, 31.00 chains to corner 22 of Tract K-1a-I;**

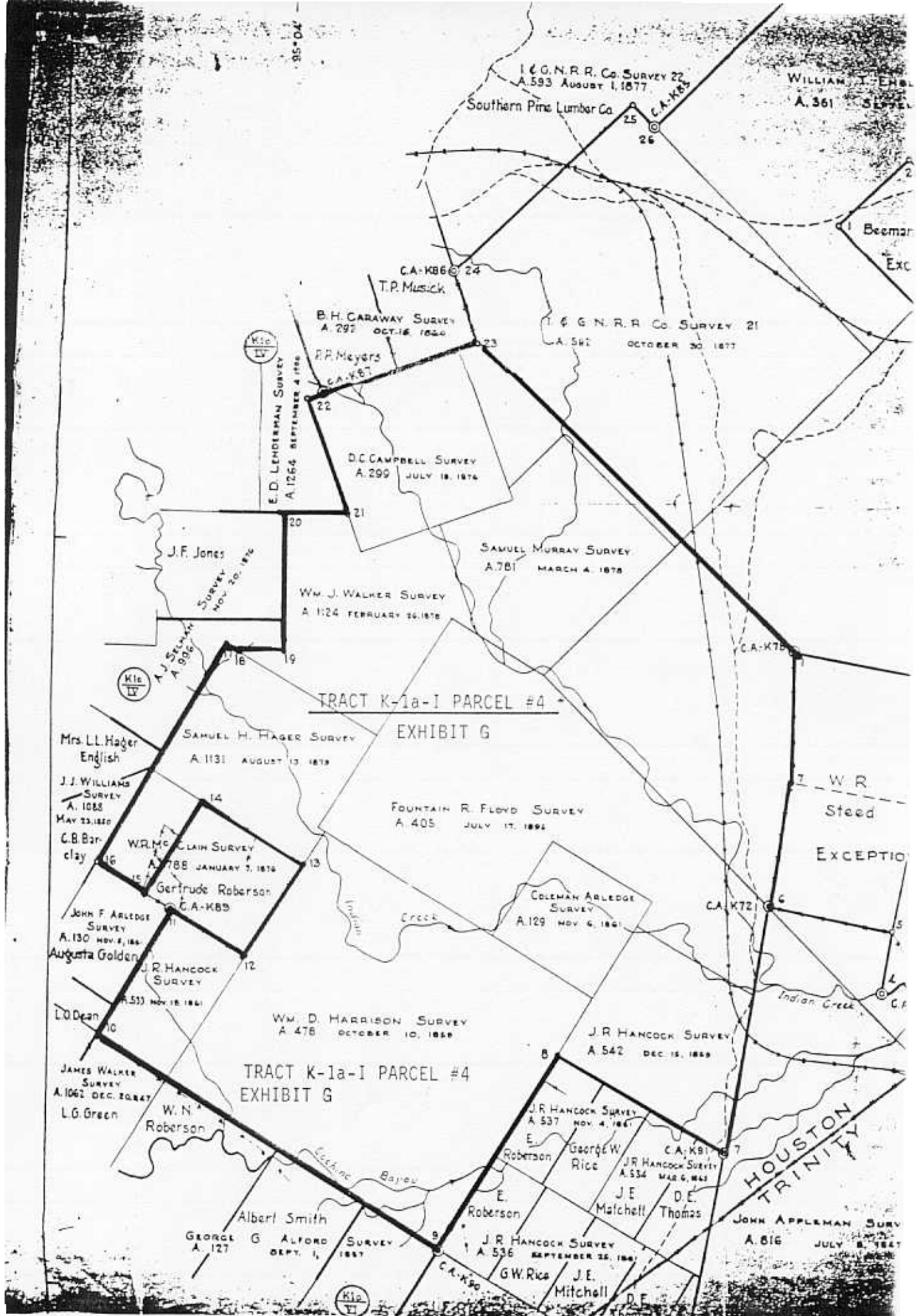
**THENCE N 70° 00' E, common to the D. C. Campbell Survey and in part to the E. D. Lenderman Survey and the B. H. Caraway Survey, A-292, at 4.10 chains a F.S. standard concrete post marked K-87. At 45.30 chains corner 23 of Tract K-1a-I;**

**THENCE across Tract K-1a-I, within I. & G.N.R.R. Co. No. 21 Survey, A-592, and in part within the J. J. de los Reyes Survey, A-73, and common to Tract K-1a-I Parcel #3, a calculated bearing and distance of S 46° 28' 06" E, 111.44 chains to corner 1 of Tract K-1a-I Exception No. 1, a F.S. standard concrete post marked K-78;**

**THENCE S 00° 15' W, within the J. J. de los Reyes Survey, 33.00 chains to corner 7 of Tract K-1a-I Exception No. 1;**

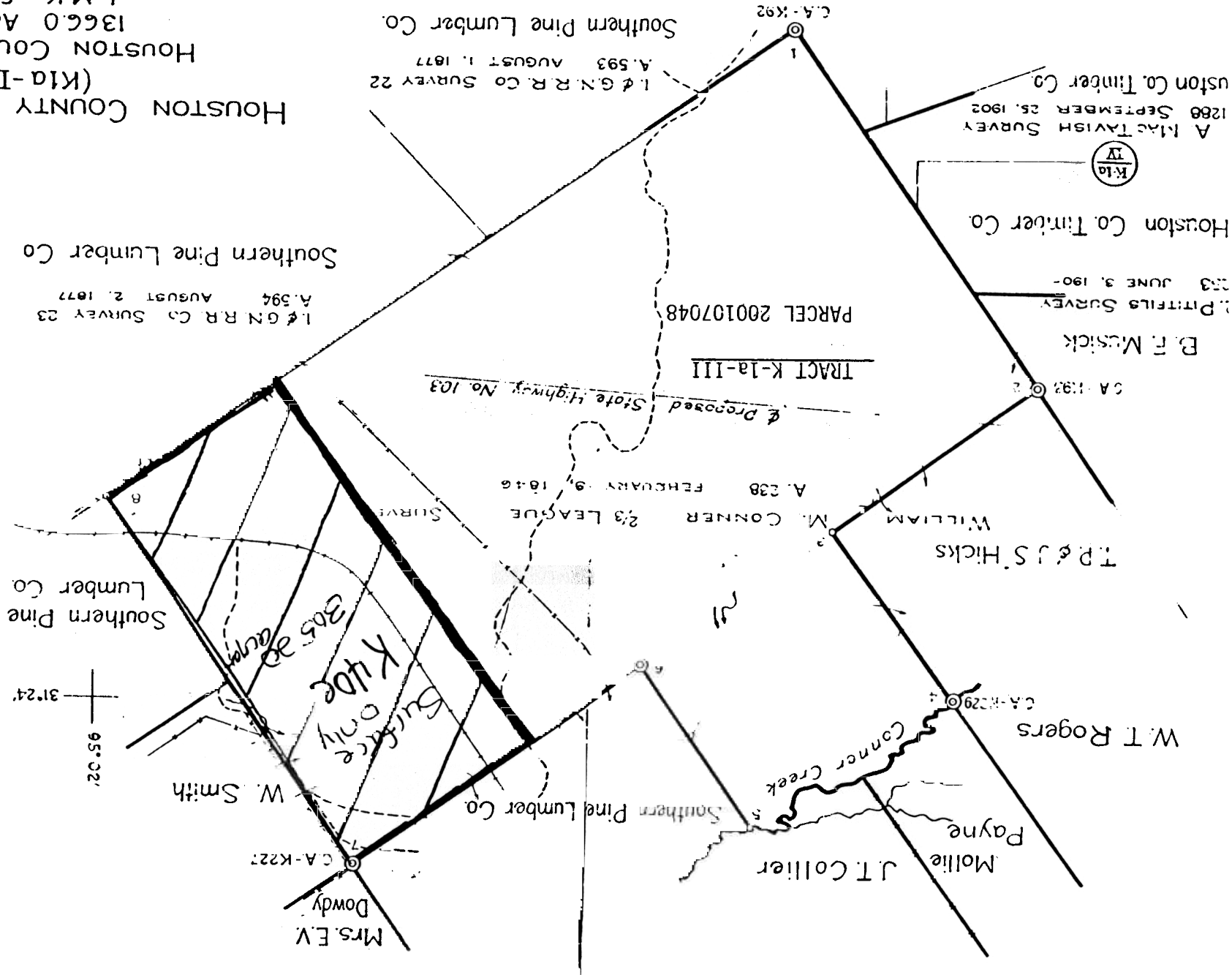
**THENCE S 09° 00' W, within the J. J. de los Reyes Survey, 31.80 chains to corner 6 of Tract K-1a-I Exception No. 1, a F.S. standard concrete post marked K-72;**

**THENCE across Tract K-1a-I, common to the John Appleman Survey, A-816, and in part to the Fountain R. Floyd Survey, A-405, and the J. R. Hancock Survey, A-542, and common to Tract K-1a-I Parcel #2, a calculated bearing and distance of S 09° 29' 37" W, 62.54 chains to the PLACE OF BEGINNING containing 2,459.87 acres of land, more or less.**



distances see description  
attached and made a part of.

Houston County Timber Company  
(K1a-III)  
Houston County, Texas  
1366.0 Acres  
L.M.K. - SUR.  
-305.20 (K40)  
1060.80 ac  
1934  
SCALE: 1 in. = 20 CHAINS



**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-IV PARCEL #1  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
2,383.97 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: M. Ellis, A-366, dated November 26, 1875; S. R. Pititfils, A-1253, dated June 3, 1900; James Selman, A-910, dated March 2, 1880; A. MacTavish, A-1288, dated September 25, 1902; Robert E. Carr, A-267, dated September 30, 1908; John F. Kilgore, A-663, dated February 23, 1900; E. D. Lenderman, A-1264, dated September 4, 1900; Catharine Absher, A-138, dated July 20, 1880; A. J. Selman A-996, dated November 20, 1876, identified herein as Tract K-1a-IV Parcel #1. Tract K-1a-IV Parcel #1 contains 2,428.97 acres, more or less, LESS and EXCEPT 40.00 acres within Exception No. 3 to Tract K-1a-IV, and 5.00 acres within Exception No. 4 to Tract K-1a-IV, leaving a net area of 2,383.97 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-IV was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 1 of USFS Tract K-1a-IV, identical with the eight corner of the A. MacTavish Survey, A-1288, and a corner of the I. & G.N.R.R. Co. Survey No. 22, A-593;

**THENCE** S 88° 00' W, common to the A. MacTavish Survey and the I. & G.N.R.R. Co. Survey No. 22, 1.30 chains to corner 2 of Tract K-1a-IV;

**THENCE** S 69° 45' W, common to the A. MacTavish Survey and the N. B. McComb Survey, A-1252, 39.80 chains to corner 3 of Tract K-1a-IV;

**THENCE** S 21° 30' E, common in part to the A. MacTavish Survey and the Robert E. Carr Survey, A-267, and to the N. B. McComb Survey, 22.00 chains to corner 4 of Tract K-1a-IV;

**THENCE** S 84° 30' W, within the Robert E. Carr Survey, 8.00 chains to corner 5 of Tract K-1a-IV;

**THENCE S 64° 45' W, common to the A. MacTavish Survey and the Robert E. Carr Survey, 2.90 chains to corner 6 of Tract K-1a-IV;**

**THENCE S 19° 30' E, within the Robert E. Carr Survey, 40.70 chains to corner 7 of Tract K-1a-IV;**

**THENCE N 64° 45' E, common in part to the John F. Kilgore Survey, A-663, and the E. D. Lenderman Survey, A-1264, and to the Robert E. Carr Survey, 10.50 chains to corner 8 of Tract K-1a-IV;**

**THENCE S 19° 45' E, common to the E. D. Lenderman Survey and the B. H. Caraway Survey, A-292, 20.00 chains to corner 9 of Tract K-1a-IV, a Forest Service standard concrete post marked K-87;**

**THENCE two lines common to the E. D. Lenderman Survey and the D. Campbell Survey, A-299:**

**S 70° 00' W, 4.10 chains to corner 10 of Tract K-1a-IV;**

**S 20° 30' E, 31.00 chains to corner 11 of Tract K-1a-IV;**

**THENCE S 89° 30' W, common to the E. D. Lenderman Survey and the Wm. J. Walker Survey, A-1124, 15.80 chains to corner 12 of Tract K-1a-IV;**

**THENCE S 89° 45' W, common in part to the E. D. Lenderman Survey and the John F. Kilgore Survey, A-663, and to the A. J. Selman Survey, A-996, 31.20 chains to corner 13 of Tract K-1a-IV;**

**THENCE South, common to the Catharine Absher Survey, A-138, and the A. J. Selman Survey, 28.10 chains to corner 14 of Tract K-1a-IV;**

**THENCE N 87° 30' E, within the A. J. Selman Survey, 31.30 chains to corner 15 of Tract K-1a-IV;**

**THENCE two lines common to the A. J. Selman and the Wm. J. Walker Surveys:**

**S 00° 15' E, 7.30 chains to corner 16 of Tract K-1a-IV;**

**S 87° 30' W, 11.10 chains to corner 17 of Tract K-1a-IV;**

**THENCE two lines common to the A. J. Selman Survey and the Samuel H. Hager Survey, A-1131:**

**N 59° 45' W, 3.30 chains to corner 18 of Tract K-1a-IV;  
S 30° 15' W, 31.70 chains to corner 19 of Tract K-1a-IV;**

**THENCE N 60° 15' W, common to the A. J. Selman Survey and the James J. Williams Survey, A-1088, 21.60 chains to corner 20 of Tract K-1a-IV;**

**THENCE North, common to the A. J. Selman Survey, 13.60 chains to corner 21 of Tract K-1a-IV, a F.S. standard concrete post marked K-88;**

**THENCE N 89° 45' W, common to the Catharine Absher Survey, 22.70 chains to corner 22 of Tract K-1a-IV;**

**THENCE N 60° 00' W, common to the James Selman Survey, A-910, and the James Williams Survey, 22.00 chains to corner 23 of Tract K-1a-IV;**

**THENCE S 30° 30' W, common to the James Selman and the James Williams Surveys, 6.70 chains to corner 24 of Tract K-1a-IV;**

**THENCE N 01° 30' W, common to the James Selman Survey and the Enoch Richardson Survey, A-877, 11.60 chains to corner 25 of Tract K-1a-IV;**

**THENCE two lines common to the James Selman and Enoch Richardson Surveys:**

**S 89° 15' W, 24.30 chains to corner 26 of Tract K-1a-IV;  
N 00° 15' E, 12.40 chains to corner 27 of Tract K-1a-IV;**

**THENCE across Tract K-1a-IV, common with the James Selman Survey, the William Jones Survey, A-639, the J. A. Caraway Survey, A-290, and in part with the M. Ellis Survey, A-366 and the James Henley Survey, A-477, and common to Tract K-1a-IV Parcel #2 and Parcel #3, a calculated bearing and distance of N 00° 21' 50" W, 205.21 chains to corner 85 of Tract K-1a-IV;**

**THENCE N 89° 15' E, within the M. Ellis Survey, 35.20 chains to corner 86 of Tract K-1a-IV, a F.S. standard concrete post marked K-144;**

**THENCE two lines common to the M. Ellis Survey and the James Armstrong Survey, A-144:**

**S 33° 30' E, 37.20 chains to corner 87 of Tract K-1a-IV;  
N 54° 45' E, 39.70 chains to corner 88 of Tract K-1a-IV;**

**THENCE S 01° 15' W, common to the M. Ellis Survey and the S. R. Pititfils Survey, A-1253, 41.20 chains to corner 89 of Tract K-1a-IV;**

**THENCE S 89° 00' E, within the S. R. Pititfils Survey, 32.20 chains to corner 90 of Tract K-1a-IV;**

**THENCE S 34° 45' E, common in part to the S. R. Pititfils Survey and the A. MacTavish Survey, A-1288, and to the William M. Conner Survey, 35.50 chains to the place of beginning containing 2,428.97 acres of land, more or less, LESS AND EXCEPT 40.00 acres within Exception No. 3 to Tract K-1a-IV and 5.0 acres within Exception No. 4 to Tract K-1a-IV, leaving a net area of 2,383.97 acres, more or less.**

**Exception No. 3 to Tract K-1a-IV, 40.00 acres: BEGINNING at corner 1, in the James Selman Survey, A-910, a stake witnessed by marked bearing trees. From this corner, corner 59 of Tract K-1a-IV bears N 75° 30' W, 46.90 chains distant.**

**THENCE four lines within the James Selman Survey:**

**N 89° 15' E, 20.00 chains to corner 2 of Tract K-1a-IV Exception No. 3;  
S 00° 30' E, 20.00 chains to corner 3 of Tract K-1a-IV Exception No. 3;  
S 89° 15' W, 20.00 chains to corner 4 of Tract K-1a-IV Exception No. 3;  
N 00° 30' W, 20.00 chains to the PLACE OF BEGINNING, containing 40.00 acres, be the same more or less.**

**Exception No. 4 to Tract K-1a-IV, 5.00 acres: BEGINNING at corner 1, the northeast corner of the Enon Missionary Baptist Church Tract in the Robert E. Carr Survey, A-267, an iron pipe witnessed by scribed bearing trees. From this corner, corner 9 of Tract K-1a-IV, a F.S. standard concrete post marked K-87, bears S 83° 45' E, 69.70 chains distant.**



**THENCE four lines within the Robert E. Carr Survey:**

**S 00° 45' E, 7.10 chains to corner 2 of Tract K-1a-IV Exception No. 4;  
S 89° 15' W, 7.10 chains to corner 3 of Tract K-1a-IV Exception No. 4;  
N 00° 45' W, 7.10 chains to corner 4 of Tract K-1a-IV Exception No. 4;  
N 89° 15' E, 7.10 chains to the PLACE OF BEGINNING, containing 5.00  
acres, be the same more or less**

A-860 APRIL 24, 1879.

True North

3 HENLEY SURVEY  
7 JULY 24, 1861.

R.C. Jordan

So. Pine Lbr. Co.  
C.A-K144

JAMES ARMSTRONG SUR.  
A-144 Nov. 18, 1875

TRACT K-1a-IV PARCEL #1  
EXHIBIT H

Proposed State  
Highway No. 103

C.A-K150

LINDSWORTH  
Aug. 16, 1875.  
W.F. Mason

M. ELLIS SURVEY  
A-366 Nov. 26, 1875

B.F. Musick  
S.R.

WM. M. CONNER  
A-238 FEB. 9, 1875

PITTIFFS SUR.  
A-1253 JUNE 3, 1900.

K1a  
III

Houston  
Timber

TRACT K-1a-IV PARCEL #1

1-2-3-4  
Exception No. 3  
40 Acres  
Lee Shaw

A. MAC TAVISH SURVEY 2  
A-1280 SEPT. 25, 1900.

C.A-K120

Southern Pine Lbr. Co.  
L.E.G.N.R.

N.B. Mc COMB SURVEY A-593  
A-1252 APR. 23, 1900.

JAMES SELMAN SURVEY  
A-910 MAR. 2, 1880.

Maggie Henderson

ROBERT E. GARR SURVEY  
A-267 SEPT. 30, 1900.

B.H. CARAWAY SURVEY  
A-292 OCT. 6, 1864.

EXCEPTION No. 4  
20 Acres  
Enon Missionary  
Baptist Church  
Lot

JOHN F. KILGORE SURVEY  
A-663 FEB. 23, 1900.

D. MEYER  
E.D. LENDERMAN SURVEY  
A-1264 C  
SEPT. 4, 1900.

K1a  
I

D. CAMPBELL S  
A-299 JULY 19,

WILLIAM JONES SURVEY  
A-855 JUNE 17, 1859.

C.A-K116

Red Reeves  
et al

h.C.T.CO.

Albert Parmenter

ENOCH RICHARDSON SURVEY  
A-877 JUNE 17, 1859.

A.H. English

CATHARINE ABNER  
A-136 JULY 20, 1880.

J.F. Jones

A.J. SELMAN SUR

WM. J. WALKER SURV  
A-1124 FEB. 26, 1878

Mrs. Maude  
McManus

Unknown  
Owner  
C.A-K88  
1-896 Nov. 20, 1875

HOUSTON COUNTY  
(K1a-IV)

HOUSTON COUNTY  
5800 Acres

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-IV PARCEL #2  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
1,634.89 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: William Jones, A-639, dated June 17, 1859; J. A. Caraway, A-290, dated June 27, 1864; M. Ellis, A-366, dated November 26, 1875; James Selman, A-910, dated March 2, 1880; J. E. Petty, A-1223, dated June 28, 1900; A. McTavish, A-1265, dated July 3, 1901; S. S. Smith, A-1270, dated January 16, 1901; Isaac Adair, A-115, dated August 11, 1859; McKinney & Williams, A-769, dated August 16, 1876; Thomas Smith, A-965, dated November 4, 1861; Thomas Smith, A-964, dated August 16, 1875; McKinney & Williams, A-768, dated November 6, 1861; Elisha Adair, A-116, dated September 29, 1859, identified herein as Tract K-1a-IV Parcel #2. Tract K-1a-IV Parcel #2 contains 1,994.89 acres, more or less, LESS and EXCEPT 82.00 acres within Exception No. 1 to Tract K-1a-IV, and 278.00 acres within Exception No. 2 to Tract K-1a-IV, leaving a net area of 1,634.89 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-IV was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 27 of USFS Tract K-1a-IV, the sixth corner of the Enoch Richardson Survey, A-877, and the fourth corner of the William Jones Survey, A-639;

**THENCE** N 89°45' W, common to the William Jones and Enoch Richardson Surveys, at 8.20 chains a Forest Service standard concrete post marked K-116. At 31.10 chains corner 28 of Tract K-1a-IV;

**THENCE** S 01° 00' E, common to the Enoch Richardson Survey and the J. E. Petty Survey, A-1223, 24.70 chains to corner 29 of Tract K-1a-IV;

**THENCE** West, common to the J. E. Petty Survey and the W. H. McCombs Survey, A-782, 46.30 chains to corner 30 of Tract K-1a-IV, a F.S. standard concrete post marked K-117;

**THENCE three lines within the J. E. Petty Survey:**

**N 01° 00' W, 22.00 chains to corner 31 of Tract K-1a-IV;  
S 89° 30' W, 10.50 chains to corner 32 of Tract K-1a-IV;  
N 01° 15' W, 3.50 chains to corner 33 of Tract K-1a-IV;**

**THENCE N 89° 15' W, common to the McKinney & Williams Survey, A-769, and in part to the J. E. Petty Survey and the R. A. Gaston Survey, A-467, 38.00 chains to corner 34 of Tract K-1a-IV, a F.S. standard concrete post marked K-118;**

**THENCE S 31° 15' W, common to the McKinney & Williams Survey and the R. A. Gaston Survey, 25.20 chains to corner 35 of Tract K-1a-IV;**

**THENCE N 58° 45' W, common to the McKinney & Williams Survey and to the Solomon Story Survey, A-919, 28.30 chains to corner 36 of Tract K-1a-IV;**

**THENCE two lines common to the McKinney & Williams Survey, A-769, and the Samuel J. W. Long, A-676:**

**N 33° 00' E, 8.60 chains to corner 37 of Tract K-1a-IV;  
N 59° 30' W, 18.50 chains to corner 38 of Tract K-1a-IV;**

**THENCE N 31° 30' E, common to the McKinney & Williams Survey, A-769, and the Isaac H. Roberts Survey, A-884, 40.50 chains to corner 39 of Tract K-1a-IV;**

**THENCE N 59° 00' W, common to the McKinney & Williams Survey, A-768, and the Isaac H. Roberts Survey, A-884, 42.20 chains to corner 40 of Tract K-1a-IV;**

**THENCE N 29° 15' E, common to the McKinney & Williams Survey, A-768, and the John Box Survey, A-14, 9.10 chains to corner 41 of Tract K-1a-IV;**

**THENCE three lines within the McKinney & Williams Survey, A-768:**

**S 59° 15' E, 4.60 chains to corner 42 of Tract K-1a-IV;  
N 30° 30' E, 8.80 chains to corner 43 of Tract K-1a-IV;  
N 60° 00' W, 4.60 chains to corner 44 of Tract K-1a-IV;**

**THENCE N 30° 00' E, common to the McKinney & Williams Survey, A-768, and the John Box Survey, 3.70 chains to corner 45 of Tract K-1a-IV, a F.S. standard concrete post marked K-119;**

**THENCE N 60° 00' W, common to the McKinney & Williams Survey, A-768, and the John Box Survey, 39.10 chains to corner 46 of Tract K-1a-IV;**

**THENCE across Tract K-1a-IV, in part within the McKinney & Williams Survey, A-768, Elisha Adair Survey, A-116, Thomas Smith Survey, A-964, Isaac Adair Survey, A-115, and the M. Ellis Survey, A-366, and common to southern boundary of Tract K-1a-IV Parcel #3, a calculated bearing and distance of S 89° 59' 56" E, 211.92 chains to a point for corner within Tract K-1a-IV, said point being on the western boundary of Tract K-1a-IV Parcel #1;**

**THENCE across Tract K-1a-IV, common in part with the M. Ellis Survey, the James Selman Survey, A-910 and the William Jones Survey, A-639, and common to the western boundary of Tract K-1a-IV Parcel #1, a calculated bearing and distance of S 00° 21' 50" E, 105.57 chains to the place of beginning containing 1,994.89 acres of land, more or less, LESS AND EXCEPT 82.00 acres within Exception No. 1 to Tract K-1a-IV and 278.0 acres within Exception No. 2 to Tract K-1a-IV, leaving a net area of 1,634.89 acres, more or less.**

**Exception No. 1 to Tract K-1a-IV, 82.00 acres: BEGINNING at corner 1, the southeast corner of the William Jones Survey, A-644, and the eighth corner of the Thomas Smith Survey, A-964, an iron pipe witnessed by marked bearing trees.**

**THENCE four lines common to the William Jones Survey, A-644:**

**S 89° 45' W, common to the Thomas Smith Survey, A-965, 28.60 chains to corner 2 of Tract K-1a-IV Exception No. 1, the southwest corner of the William Jones Survey, and the fifth corner of the McKinney & Williams Survey, A-768;**

**N 00° 30' W, common to the McKinney & Williams Survey, A-768, 28.60 chains to corner 3 of Tract K-1a-IV Exception No. 1, the northwest corner of the William Jones Survey and the sixth corner of the McKinney & Williams Survey, A-768. From this corner, corner 45 of Tract K-1a-IV, a F.S. standard concrete post marked K-119, bears S 80° 30' W, 26.50 chains distant;**

**S 88° 30' E, common in part to the McKinney & Williams Survey, A-768, and the Thomas Smith Survey, A-964, 29.70 chains to corner 4 of Tract K-1a-IV Exception No. 1, the northeast corner of the William Jones Survey and the beginning corner of the Thomas Smith Survey, A-964;**

**S 02° 15' W, common to the Thomas Smith Survey, A-964, 27.70 chains to the PLACE OF BEGINNING, containing 82.00 acres, be the same more or less.**

**Exception No. 2 to Tract K-1a-IV, 278.00 acres: BEGINNING at corner 1, the fourth corner of the S. S. Smith Survey, A-1270, and the ninth corner of the McKinney & Williams Survey, A-769, a F.S. standard concrete post marked K-140.**

**THENCE N 00° 45' W, common to the S. S. Smith Survey and the Thomas Smith Survey, A-965, 18.60 chains to corner 2 of Tract K-1a-IV Exception No. 2. From this corner, corner 39 of Tract K-1a-IV bears S 71° 45' W, 53.70 chains distant;**

**THENCE N 88° 00' E, common to the S. S. Smith Survey and the Thomas Smith Survey, A-964, 5.20 chains to corner 3 of Tract K-1a-IV Exception No. 2;**

**THENCE N 00° 30' W, common to the Thomas Smith Survey, A-964, 24.40 chains to corner 4 of Tract K-1a-IV Exception No. 2;**

**THENCE N 89° 30' E, common in part to the John Caraway Survey, A-291 and the T. R. Smith Survey, A-1214, and to the Isaac Adair Survey, A-115, 55.20 chains to corner 5 of Tract K-1a-IV Exception No. 2;**

**THENCE S 01° 00' E, common to the T. R. Smith Survey and the J. A. Caraway Survey, 30.10 chains to corner 6 of Tract K-1a-IV Exception No. 2;**

**THENCE N 89° 30' E, common to the William Jones Survey, A-639, and the J. A. Caraway Survey, 10.50 chains to corner 7 of Tract K-1a-IV Exception No. 2, a F.S. standard concrete post marked K-142;**

**THENCE two lines within the William Jones Survey, A-639:**

**S 00° 45' E, 20.00 chains to corner 8 of Tract K-1a-IV Exception No. 2;**

**S 89° 30' W, 25.50 chains to corner 9 of Tract K-1a-IV Exception No. 2;**

**THENCE North, common to the William Jones Survey, A-639, and the S. S. Smith Survey, 9.90 chains to corner 10 of Tract K-1a-IV Exception No. 2;**

**THENCE S 88° 45' W, common to the John Caraway and the S. S. Smith Surveys, 21.80 chains to corner 11 of Tract K-1a-IV Exception No. 2;**

**THENCE two lines within the S. S. Smith Survey:**

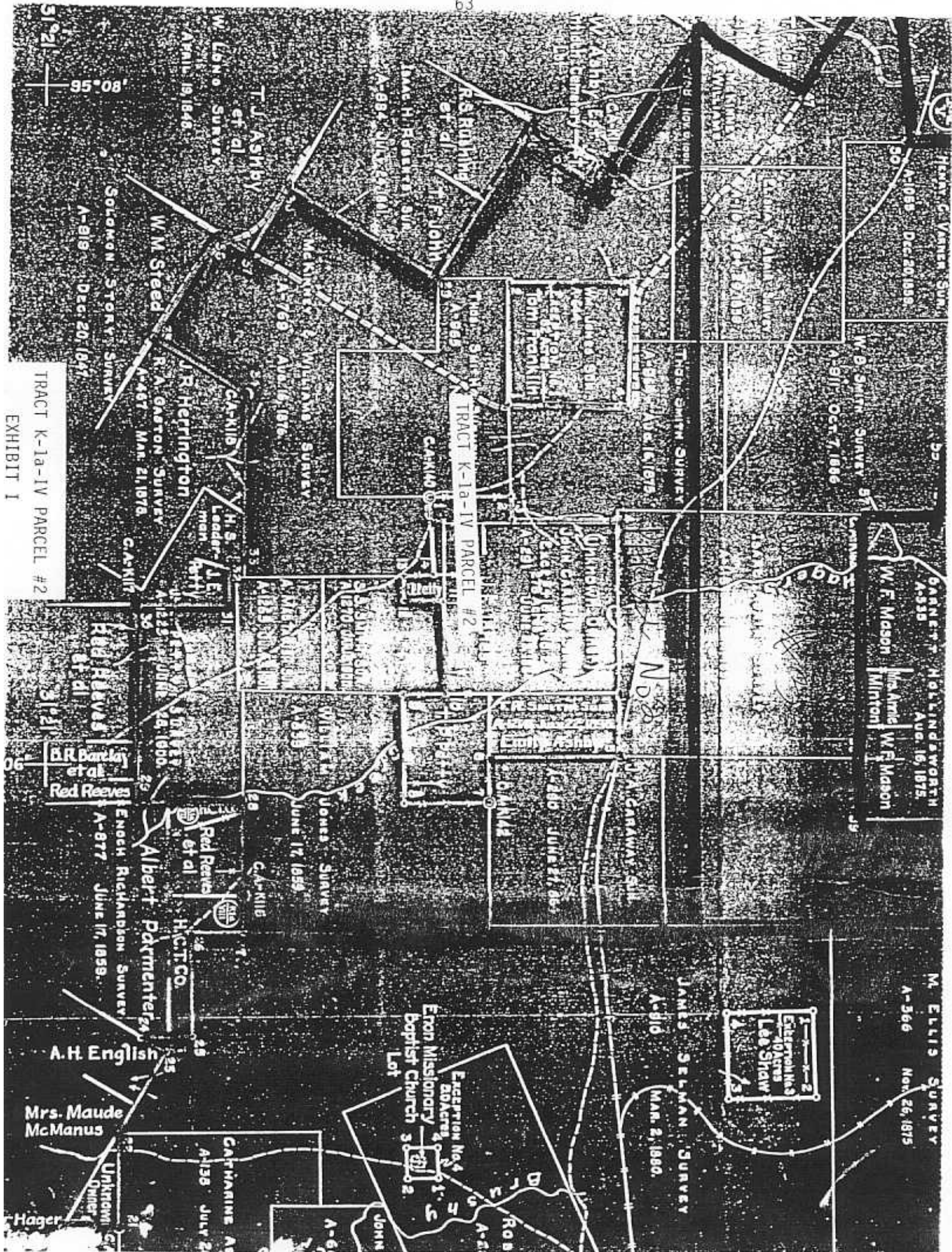
**S 01° 00' E, 8.90 chains to corner 12 of Tract K-1a-IV Exception No. 2;**

**S 89° 00' W, 5.60 chains to corner 13 of Tract K-1a-IV Exception No. 2;**

**THENCE N 03° 15' W, common to the S. S. Smith Survey and the McKinney & Williams Survey, A-769, 7.00 chains to corner 14 of Tract K-1a-IV Exception No. 2;**

**THENCE S 87° 00' W, common to the S. S. Smith Survey and the McKinney & Williams Surveys, A-769, 17.90 chains to the PLACE OF BEGINNING, containing 278.00 acres, be the same more or less.**







**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-IV PARCEL #3  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
1,810.95 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: M. Ellis, A-366, dated November 26, 1875; Isaac Adair, A-115, dated August 11, 1859; Thomas Smith, A-964, dated August 16, 1875; McKinney & Williams, A-768, dated November 6, 1861; Elisha Adair, A-116, dated September 29, 1859; Henry C. Varner, A-1055, dated December 20, 1859; W. B. Smith, A-911, dated October 7, 1886; James Henley, A-477, dated July 24, 1861; George M. Hopper, A-516, dated September 30, 1859; John Grissett, A-431, dated January 31, 1885; J. W. Simmons, A-1254, dated June 6, 1900; G. W. Baker, A-1260, November 19, 1900, identified herein as Tract K-1a-IV Parcel #3. Tract K-1a-IV Parcel #3 contains a called 1,810.95 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-IV was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 46 of USFS Tract K-1a-IV, the sixteenth corner of the McKinney & Williams Survey, A-768, and the beginning corner of the William Dowdy Survey, A-348;

**THENCE** N 30° 45' E, common to the McKinney & Williams Survey, A-768, and the William Dowdy Survey, 28.20 chains to corner 47 of Tract K-1a-IV;

**THENCE** N 58° 45' W, common to the McKinney & Williams Survey, A-768, and the William Dowdy Survey, 28.50 chains to corner 48 of Tract K-1a-IV;

**THENCE** N 01° 15' E, common to the McKinney & Williams Survey, A-768, and the I. & G.N.R.R. Co. Survey No. 36, 8.40 chains to corner 49 of Tract K-1a-IV;

**THENCE** East, common to the McKinney & Williams Survey, A-768, and the I. & G.N.R.R. Co. Survey No. 36, and within the McKinney & Williams Survey, A-768, 37.50 chains to corner 50 of Tract K-1a-IV;

**THENCE N 01° 00' E, common to the Henry Varner Survey, A-1055, and the I. & G.N.R.R. Co. Survey No. 36, and being in part common to the McKinney & Williams Survey, A-768, 25.50 chains to corner 51 of Tract K-1a-IV;**

**THENCE N 89° 00' E, common to the Henry Varner Survey and in part to the I. & G.N.R.R. Co. Survey No. 36 and the McKinney & Williams Survey, A-761, 40.30 chains to corner 52 of Tract K-1a-IV, a Forest Service standard concrete post marked K-138;**

**THENCE S 00° 30' W, common to the Henry Varner Survey and the J. M. B. Dorsett Survey, A-1261, 13.60 chains to corner 53 of Tract K-1a-IV;**

**THENCE N 89° 00' E, common to the J. M. B. Dorsett Survey and the W. B. Smith Survey, A-911, 31.70 chains to corner 54 of Tract K-1a-IV;**

**THENCE two lines common to the W. B. Smith Survey and the George M. Hopper Survey, A-516:**

**South, 3.00 chains to corner 55 of Tract K-1a-IV;  
East, 14.00 chains to corner 56 of Tract K-1a-IV;**

**THENCE S 01° 00' W, common to the W. B. Smith Survey and the Barnett Hollingsworth Survey, A-535, 19.00 chains to corner 57 of Tract K-1a-IV, a F.S. standard concrete post marked K-162;**

**THENCE S 89° 00' E, common to the Barnett Hollingsworth Survey and the Isaac Adair Survey, A-115, 57.30 chains to corner 58 of Tract K-1a-IV;**

**THENCE N 87° 45' E, common to the Barnett Hollingsworth Survey and the M. Ellis Survey, A-366, 14.30 chains to corner 59 of Tract K-1a-IV;**

**THENCE two lines within the M. Ellis Survey and with lands quitclaimed to Mrs. Mary M. Mason by Quitclaim Deed dated November 20, 1969 and recorded January 5, 1970 in Volume 456, Page 150, of the Houston County Deed Records:**

**N 01° 35' E, 16.37 chains to corner 59-A of Tract K-1a-IV;  
N 02° 59' W, 8.65 chains to corner 59-B of Tract K-1a-IV;**

**THENCE North, 4.60 chains to corner 60 of Tract K-1a-IV, a F.S. standard concrete post marked K-150;**

**THENCE N 89° 15' W, common to the James Henley Survey, A-477, and the Barnett Hollingsworth Survey, 27.90 chains to corner 61 of Tract K-1a-IV;**

**THENCE two lines within the James Henley Survey:**

**N 00° 15' E, 15.90 chains to corner 62 of Tract K-1a-IV;**

**N 89° 00' W, 16.60 chains to corner 63 of Tract K-1a-IV;**

**THENCE N 68° 00' W, within the George M. Hopper Survey, A-516, 13.20 chains to corner 64 of Tract K-1a-IV, a point in the center of a branch;**

**THENCE in a general northeasterly direction, up and with the meanders of a branch, within the George M. Hopper Survey, 13.00 chains to corner 65, a point in the center of a branch, having a calculated chord bearing and distance of N 17° 30' E, 10.00 chains;**

**THENCE N 89° 00' W, common to the John Grissett Survey, A-431, and the George M. Hopper Survey, 10.90 chains to corner 66 of Tract K-1a-IV;**

**THENCE S 88° 00' W, common to the John Grissett and George M. Hopper Surveys, 20.40 chains to corner 67 of Tract K-1a-IV;**

**THENCE N 00° 15' E, common to the John Grissett Survey and the McKinney & Williams Survey, A-761, 23.20 chains to corner 68 of Tract K-1a-IV;**

**THENCE two lines common to the John Grissett Survey and the McKinney & Williams Survey, A-762:**

**S 89° 45' E, 13.90 chains to corner 69 of Tract K-1a-IV;**

**N 00° 30' E, 6.30 chains to corner 70 of Tract K-1a-IV;**

**THENCE two lines within the John Grissett Survey:**

**S 89° 45' E, 20.00 chains to corner 71 of Tract K-1a-IV,  
a F.S. standard concrete post marked K-148;**

**N 00° 15' E, 40.60 chains to corner 72 of Tract K-1a-IV;**

**THENCE S 89° 45' E, common to the John Grissett Survey and the I. & G.N.R.R. Company Survey No. 14, A-586, 21.20 chains to corner 73 of Tract K-1a-IV;**

**THENCE S 03° 15' W, common to the John Grissett Survey and the J. W. Head Survey, A-568, 15.60 chains to corner 74 of Tract K-1a-IV;**

**THENCE N 89° 45' E, common to the J. W. Simmons Survey, A-1254, and the J. W. Head Survey, 17.50 chains to corner 75 of Tract K-1a-IV;**

**THENCE S 00° 45' W, within the J. W. Simmons Survey, 28.80 chains to corner 76 of Tract K-1a-IV;**

**THENCE East, common to the J. W. Simmons Survey and the James Henley Survey, A-477, 17.20 chains to corner 77 of Tract K-1a-IV;**

**THENCE North, common to the G. W. Baker Survey, A-1260, and the J. W. Simmons Survey, 16.80 chains to corner 78 of Tract K-1a-IV, a F.S. standard concrete post marked K-147;**

**THENCE East, within the G. W. Baker Survey, 20.90 chains to corner 79 of Tract K-1a-IV;**

**THENCE two lines common to the M. Ellis Survey, A-366, and the G. W. Baker Survey:**

**N 00° 15' W, 1.20 chains to corner 80 of Tract K-1a-IV;**

**S 59° 30' E, 11.90 chains to corner 81 of Tract K-1a-IV;**

**THENCE S 34° 15' E, common to the M. Ellis Survey and the J. E. Payne Survey, A-860, 1.80 chains to corner 82 of Tract K-1a-IV, a point in the center of a branch;**

**THENCE in a general southwesterly direction, up and with the meanders of a branch, within the M. Ellis Survey, 15.30 chains to corner 83, a point in the center of a branch, having a calculated chord bearing and distance of S 40° 55' 52" W, 13.31 chains;**

**THENCE West, within the M. Ellis Survey, 1.60 chains to corner 84 of Tract K-1a-IV;**

**THENCE S 00° 30' E, common to the James Henley and M. Ellis Surveys, 24.60 chains to corner 85 of Tract K-1a-IV;**

**THENCE across Tract K-1a-IV, common in part with the M. Ellis Survey and the James Henley Survey, and in part within the M. Ellis Survey, and common to the western boundary of Tract K-1a-IV Parcel #1, a calculated bearing and distance of S 00° 21' 50" E, 99.64 chains to a point for corner within Tract K-1a-IV;**

**THENCE across Tract K-1a-IV, in part within the M. Ellis Survey, the Isaac Adair Survey, A-115, the Thomas Smith Survey, A-964, the Elisha Adair Survey, A-116, and the McKinney & Williams Survey, A-768, and common to the northern boundary of Tract K-1a-IV Parcel #2, a calculated bearing and distance of N 89° 59' 56" W, 211.92 chains to the PLACE OF BEGINNING containing a called 1,810.95 acres of land, be the same more or less.**

Houston County  
Timber Co.  
I. & G. N. R. R. Co. Survey 14  
A-586 Nov 25, 1976  
W. W. Head Survey  
A-568 Oct 26, 1895

L. J. Ashby

L. M. Stubblefield

McKinney & Williams Survey  
A-762 Sept 25, 1861

Lewis Minton

John G. East Survey  
A-431 Jun 31, 1895

T. P. Petty  
C. A. K147  
J. W. Sims  
A-1254 June 6, 1900  
So. Pine Lbr. Co.  
D. W. Bays Survey  
A-1260 Oct 18, 1900

J. E. Payne Survey

A-860 April 24, 1878

Southern Pine Lbr. Co.

J. F. Neeves

McKinney & Williams Survey  
A-761 Sept 25, 1861

JAMES HENLEY SURVEY  
A-477 JULY 24, 1861

R. C. Jordan

So. Pine Lbr. Co.  
C. A. K144  
James Armstrong  
A-144 Nov. 1861

R. W. Williams & S. W. Shaw Est.

J. E. Neeves  
J. M. B. Donast  
A-1261 Mar 11, 1900  
J. H. Childress  
J. E. Neeves  
A-516 Sept 30, 1895

J. M. Mason

M. Ellis Survey  
A-366 Nov 26, 1875

W. F. Mason  
BARNETT HOLLIDAYWORTH  
A-535 Aug 16, 1875  
W. F. Mason

TRACT K-1a-IV PARCEL #3

W. B. Smith Survey  
A-911 Oct 7, 1886

Eliza Y. Adams Survey  
A-116 Sept 29, 1850

Isaac Adams Survey  
A-113

Excepted No. 3  
40 Acres  
Lee Shaw

JAMES SELMAN SURVEY  
A-910 Mar. 2, 1880

31°24' 95°08'

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1a-V PARCEL #1**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**2,296.46 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: I. & G.N.R.R. No. 36, A-604, dated October 31, 1877; Jno. W. Sides, A-942, dated August 31, 1859; John Box, A-14, dated July 30, 1835; H. C. Sides, A-941, dated September 8, 1859, M. D. L. Dowdy, A-347, dated August 23, 1859; F. W. McCarty, A-764, dated March 22, 1895; E. L. Beard, A-1237, dated October 6, 1896; I. & G.N.R.R. No. 31, A-599, dated October 31, 1877; I. & G.N.R.R. No. 37, A-605, dated August 1, 1877; and A. MacTavish, A-1287, dated February 4, 1903, identified herein as Tract K-1a-V Parcel #1 and described as follows for mineral leasing purposes. Tract K-1a-V Parcel #1 contains 2,318.46 acres, more or less, LESS AND EXCEPT 22.00 acres within Exception No. 3 to Tract K-1a-V, leaving a net acreage of 2,296.46 acres, more or less, available for lease, and also subject to 1.07 surface acres being exchanged to William Mike Fennell as Tract K-12 in an unrecorded Exchange Deed dated May 11, 1977. Tract K-1a-V was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 1 of USFS Tract K-1a-V, common to corner 50 of USFS Tract K-1a-IV on the west line of the Henry C. Varner Survey, A-1055, and being identical with the seventeenth corner of the I. & G. N. R. R. Co. Survey No. 36, A-604, and the twelfth corner of the McKinney & Williams Survey, A-768;

**THENCE** West, common to the I. & G. N.R.R. Co. Survey No. 36 and the McKinney & Williams Survey, A-768, and partly within the McKinney & Williams Survey, A-768, 37.50 chains to corner 2 of Tract K-1a-V, common to corner 49 of Tract K-1a-IV;

**THENCE** S 01° 15' W, common to the I. & G. N.R.R. Co. Survey No. 36 and the McKinney & Williams Survey, A-768, 8.40 chains to corner 3 of Tract K-1a-V, common to corner 48 of Tract K-1a-IV;

**TTHENCE** N 58° 15' W, within the I. & G. N.R.R. Co. Survey No. 36, 17.30 chains to corner 4 of Tract K-1a-V;

THENCE S 30° 00' W, within the I. & G. N.R.R. Co. Survey No. 36, 28.80 chains to corner 5 of Tract K-1a-V;

THENCE N 60° 45' W, common to the I. & G. N.R.R. Co. Survey No. 36, and the John Box Survey, A-14, 1.80 chains to corner 6 of Tract K-1a-V;

THENCE S 31° 00' W, within the John Box Survey, 31.00 chains to corner 7 of Tract K-1a-V;

THENCE N 59° 00' W, within the John Box Survey, 3.40 chains to corner 8 of Tract K-1a-V, a Forest Service standard concrete post marked K-246;

THENCE N 31° 00' E, within the John Box Survey, 31.00 chains to corner 9 of Tract K-1a-V;

THENCE N 60° 45' W, common in part to the I. & G. N. R. R. Co. Survey No. 36 and the Jno. W. Sides Survey, A-942, and to the John Box Survey, 14.50 chains to corner 10 of Tract K-1a-V;

THENCE nine lines within the John Box Survey:

S 30° 15' W, 7.90 chains to corner 11 of Tract K-1a-V;  
N 61° 00' W, 8.20 chains to corner 12 of Tract K-1a-V;  
S 28° 45' W, 22.80 chains to corner 13 of Tract K-1a-V;  
N 58° 15' W, 19.90 chains to corner 14 of Tract K-1a-V;  
N 31° 15' E, 7.90 chains to corner 15 of Tract K-1a-V;  
N 60° 45' W, 2.10 chains to corner 16 of Tract K-1a-V;  
N 49° 45' E, 9.30 chains to corner 17 of Tract K-1a-V;  
N 59° 15' W, 8.70 chains to corner 18 of Tract K-1a-V,  
a F. S. concrete post marked K-247;  
N 29° 30' E, 13.70 chains to corner 19 of Tract K-1a-V;

THENCE N 58° 30' W, common in part to the Jno. W. Sides Survey and the H. C. Sides Survey, A-941, and to the John Box Survey, 19.10 chains to corner 20 of Tract K-1a-V;

THENCE three lines within the John Box Survey:

S 31° 45' W, 50.10 chains to corner 21 of Tract K-1a-V;  
N 58° 45' W, 20.00 chains to corner 22 of Tract K-1a-V,  
a F.S. standard concrete post marked K-248;



**N 29° 30' E, 49.80 chains to corner 23 of Tract K-1a-V;**

**THENCE across Tract K-1a-V, within the H. C. Sides Survey, the F. W. McCarty Survey, A-764, the I. & G.N.R.R. Co. Survey No. 31, A-599, and the E. L. Beard Survey, A-1237, and also common to the eastern boundary of Tract K-1a-V Parcel #3, a calculated bearing and distance of N 04° 27' 02" W, 128.04 chains to corner 59 of Tract K-1a-V, the eleventh corner of the I. & G.N.R.R. Co. Survey No. 31 and the sixth corner of the L. H. Sides Survey, A-979, a F.S. standard concrete post marked K-230;**

**THENCE S 89° 45' E, common in part to the I. & G.N.R.R. Co. Survey No. 31 and the I. & G.N.R.R. Co. Survey No. 37, A-605, and to the L. H. Sides Survey, 50.80 chains to corner 60 of Tract K-1a-V;**

**THENCE South, common to the I. & G.N.R.R. Co. Survey No. 37 and the Charles Burton Survey, A-227, 4.00 chains to corner 61 of Tract K-1a-V;**

**THENCE S 89° 30' E, common to the I. & G.N.R.R. Co. Survey No. 37 and the Charles Burton Survey, 54.00 chains to corner 62 of Tract K-1a-V;**

**THENCE South, common to the I. & G.N.R.R. Co. Survey No. 37 and the George W. Stone Survey, A-948, 2.10 chains to corner 63 of Tract K-1a-V;**

**THENCE S 88° 45' E, common to the I. & G.N.R.R. Co. Survey No. 37 and the George W. Stone Survey, 46.60 chains to corner 64 of Tract K-1a-V, a F.S. standard concrete post marked K-223;**

**THENCE S 00° 15' W, common to the I. & G.N.R.R. Co. Survey No. 37 and the B. G. Kilgore Survey, A-667, 12.80 chains to corner 65 of Tract K-1a-V;**

**THENCE S 01° 45' W, common to the B. G. Kilgore Survey and the A. MacTavish Survey, A-1287, 11.30 chains to corner 66 of Tract K-1a-V;**

**THENCE N 89° 45' E, common to the B. G. Kilgore and the A. MacTavish Surveys, 26.00 chains to corner 67 of Tract K-1a-V;**

**THENCE S 00° 30' W, common to the A. MacTavish Survey and the McKinney & Williams Survey, A-762, 47.00 chains to corner 68 of Tract K-1a-V, a F.S. standard concrete post marked K-245;**

**THENCE N 87° 45' W, in part common to the A. MacTavish Survey and in part to the McKinney & Williams Survey, A-761, and the I. & G.N.R.R. Co. Survey No. 36, and in part within the I. & G.N.R.R. Co. Survey No. 36, 59.40 chains to corner 69 of Tract K-1a-V;**

**THENCE two lines within the I. & G.N.R.R. Co. Survey No. 36:**

**S 00° 45' W, 22.60 chains to corner 70 of Tract K-1a-V;  
S 88° 30' E, 14.80 chains to corner 71 of Tract K-1a-V;**

**THENCE South, common to the I. & G.N.R.R. Co. Survey No. 36 and the Wiley Wells Survey, A-1096, 12.60 chains to corner 72 of Tract K-1a-V;**

**THENCE four lines with lots and subdivision tracts of the town of Ratcliff, common to the I. & G.N.R.R. Co. Survey No. 36 and the Wm. H. Jones Survey, A-645:**

**N 87° 45' W, 15.20 chains to corner 73 of Tract K-1a-V;  
S 01° 30' W, at 28.55 chains a F.S. standard concrete post marked K-244. At 28.60 chains corner 74 of Tract K-1a-V;  
S 89° 00' E, 28.50 chains to corner 75 of Tract K-1a-V;  
N 00° 45' E, 13.40 chains to corner 76 of Tract K-1a-V;**

**THENCE N 87° 45' E, within the I. & G.N.R.R. Co. Survey No. 36, 15.50 chains to corner 77 of Tract K-1a-V, common to corner 51 of F.S. Tract K-1a-IV;**

**THENCE S 01° 00' W, with Tract K-1a-IV, common to the I. & G.N.R.R. Co. Survey No. 36 and the Henry C. Varner Survey, and in part common to the McKinney & Williams Survey, A-768, 25.50 chains to the place of beginning, containing 2,318.46 acres, more or less, LESS AND EXCEPT 22.00 acres within Exception No. 3 to Tract K-1a-V, the right-of-way of State Highway 7, leaving a net acreage of 2,296.46 acres, be the same, more or less.**

**Exception No. 3, 22.00 acres: All that certain parcel of land lying within the right-of-way lines of State Highway No. 103, now known as State Highway 7, as now located, within the John Box Survey, A-14, the Jno. W. Sides Survey, A-942, and the I. & G.N.R.R. Co. Survey No. 36, A-604, said parcel of land being 3.79 chains in width within the John Box Survey and 1.52 chains in width within the Jno. W. Sides Survey and the I. & G.N.R.R. Co. Survey No. 36, and being more particularly described as follows: beginning on the boundary line of Tract K-1a-V between corners 13 and 14**

thereof, and running thence in a general northeasterly direction to the boundary line of Tract K-1a-V between corners 73 and 74 thereof, containing 22.00 acres, be the same, more or less.

Tract K-12, 1.07 surface acres exchanged to William Mike Fennell: All that certain tract or parcel of land lying and being in Houston County, Texas and being a part of the I. & G.N.R.R. Co. Survey No. 36, A-604, and a part of U. S. Tract K-1a-V:

**BEGINNING** at corner 1, an iron pipe with aluminum cap stamped corner 72-K1aV, and being an eastern corner of said I. & G.N.R.R. Survey No. 36, the southwest corner of the Wiley Well Survey, A-1096, and a point on the north line of the Wm. H. Jones Survey, A-645;

**THENCE** N 87° 20' W, with a south line of the I. & G.N.R.R. Co. Survey No. 36, common to the north line of the said Jones Survey, 991.93 feet to corner 2 of Tract K-12, an iron pipe with aluminum cap stamped corner 73-K1aV;

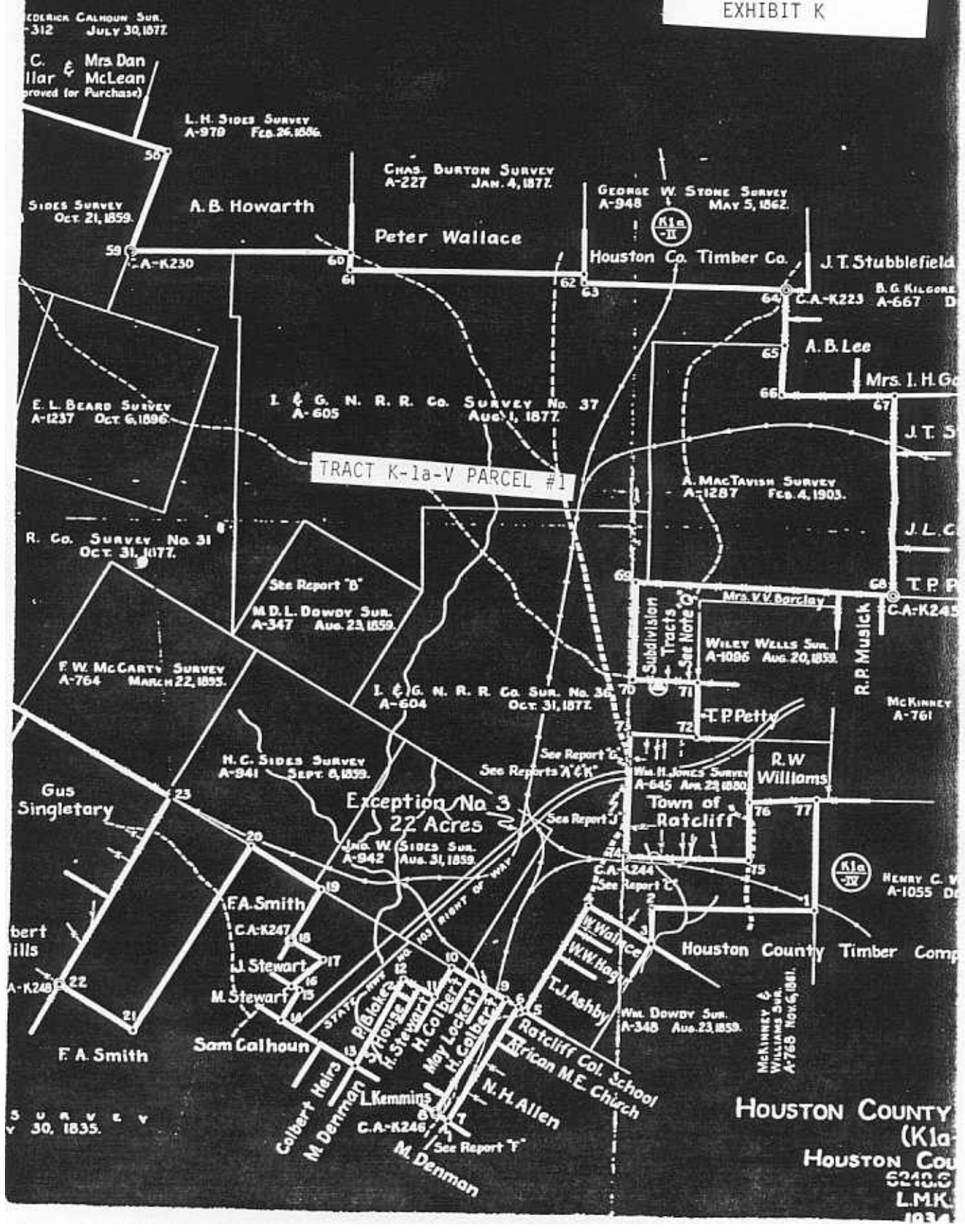
**THENCE** S 01° 30' W, common to the west line of the said Jones Survey, 460.48 feet to corner 3 of Tract K-12, a point on line between corners 73 and 74 of Tract K1aV, on the east right-of-way line of Farm-to-Market Highway No. 227;

**THENCE** N 10° 14' W, with said Highway No. 227, 492.19 feet to corner 4 of Tract K-12, a point in the east right-of-way line in the center of a public road;

**THENCE** S 87° 41' E, within the said I. & G.N.R.R. Survey No. 36, 1091.28 feet to corner 5 of Tract K-12, a point on an east line of the said I. & G.N.R.R. Survey No. 36, common to the west line of the Wiley Wells Survey, and on the line between corners 71 and 72 of Tract K1aV;

**THENCE** South, 26.00 feet to the PLACE OR POINT OF BEGINNING, containing 1.07 acres of land, more or less.

TRACT K-1a-V PARCEL #1  
EXHIBIT K



I. & G. N. RR. CO. SURVEY NO. 36 A-604

F. M. HWY. NO. 227

N 10° 14' W 492.19'

S 50° 30' W 460.48'

TO COR. 74  
K12-I

COR. 73  
K12-I

S 87° 41' E

N 87° 20' W

1091.28'

991.93'

1.07 ACRES

GRADED ROAD

TO COR. 71  
K12-I

WILEY WELLS SURVEY  
A-1096

SOUTH  
266.00'

COR. 72  
K12-I

PVT.

WM. H. JONES SURVEY A-645  
TOWN OF RATCLIFF

SCALE: 1" = 200'

● - 1 1/4" STEEL PIPE

○ - POINT

1.07 ACRES

U. S. FOREST SERVICE TRACT NO. K-12  
SURVEYED BY LOUIS D. LEGGETT, R.P.S. NO. 1585 FEB. 1970

TRACT K-12, EXHIBIT K

Louis D. Leggett

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1a-V PARCEL #2**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**1,678.24 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: William Conner, A-239, dated February 9, 1846; Jane A. Thompson A-1029, dated April 19, 1881; John A. Brashear, A-189, dated February 11, 1897; Henry Payne, A-827, dated October 6, 1859, E. T. Brashear, A-185, dated August 11, 1859; M. J. Brashear, A-182, dated April 18, 1857, identified herein as Tract K-1a-V Parcel #2 and described as follows for mineral leasing purposes. Tract K-1a-V Parcel #2 contains 1,687.04 acres, more or less, LESS AND EXCEPT 4.00 acres within Exception No. 1 to Tract K-1a-V and 4.80 acres within Exception No. 2 to Tract K-1a-V, leaving a net acreage of 1,678.24 acres, more or less, available for lease. Tract K-1a-V was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 33 of USFS Tract K-1a-V within the William Conner Survey, A-239, a Forest Service standard concrete post marked K-260;

**THENCE** N 81° 15' E, common to the William Conner Survey and the Chas. Stokes Survey, A-991, 27.20 chains to corner 34 of Tract K-1a-V, the beginning corner of the Jane A. Thompson Survey, A-1029, and a corner of the Chas. Stokes Survey;

**THENCE** N 08° 30' W, common to the Jane A. Thompson and Chas. Stokes Surveys, 40.30 chains to corner 35 of Tract K-1a-V;

**THENCE** S 81° 15' W, common to the Jane A. Thompson and in part to the Chas. Stokes Survey and the W. T. Harrison Survey, A-563, 51.50 chains to corner 36 of Tract K-1a-V, a F.S. standard concrete post marked K-259;

**THENCE** N 08° 00' W, within the Jane A. Thompson Survey, 20.60 chains to corner 37 of Tract K-1a-V;

**THENCE two lines common to the Jane A. Thompson Survey and the Henry Armstrong Survey, A-136:**

**N 60° 15' E, 20.70 chains to corner 38 of Tract K-1a-V;  
N 29° 45' W, 29.70 chains to corner 39 of Tract K-1a-V,  
a F.S. standard concrete post marked K-258;**

**THENCE N 59° 30' E, common to the Jane A. Thompson Survey and the Francis B. Conner Survey, A-24, 35.20 chains to corner 40 of Tract K-1a-V;**

**THENCE S 02° 00' E, within the Jane A. Thompson Survey, 2.80 chains to corner 41 of Tract K-1a-V;**

**THENCE S 89° 00' E, common to the Jane A. Thompson Survey and the E. T. Brashear Survey, A-185, 26.00 chains to corner 42 of Tract K-1a-V;**

**Thence two lines common to the E. T. Brashear Survey and the Francis B. Conner Survey, A-237:**

**S 28° 30' E, 19.40 chains to corner 43 of Tract K-1a-V,  
a F.S. standard concrete post marked K-257;  
N 63° 45' E, 50.30 chains to corner 44 of Tract K-1a-V;**

**THENCE S 00° 15' E, common to the E. T. Brashear Survey and the M. J. Brashear Survey, A-182, 5.80 chains to corner 45 of Tract K-1a-V;**

**THENCE two lines within the M. J. Brashear Survey:**

**S 89° 45' E, 26.20 chains to corner 46 of Tract K-1a-V;  
North, 41.60 chains to corner 47 of Tract K-1a-V;**

**THENCE S 89° 45' E, common to the M. J. Brashear Survey and the Thomas Harris Survey, A-1198, 19.10 chains to corner 48 of Tract K-1a-V;**

**THENCE S 01° 15' W, common to the M. J. Brashear Survey and in part to the G. G. Oliver Survey, A-800, and the E. L. Beard Survey, A-228, 68.20 chains to corner 49 of Tract K-1a-V;**

**THENCE S 00° 15' W, common to the E. L. Beard Survey and the Henry Payne Survey, A-827, 28.80 chains to corner 50 of Tract K-1a-V;**

**THENCE South, across Tract K-1a-V, common to the E. L. Beard and Henry Payne Surveys, and also common to a western boundary of Tract K-1a-V Parcel #3, 12.20 chains to corner 1 of U.S. Tract K-1a-IX, a lap tract within Tract K-1a-V, said corner 1 being the second corner of the Henry Payne Survey;**

**THENCE S 89° 45' W, common to the Jane A. Thompson Survey and the Henry Payne Survey, 4.90 chains to corner 4 of Tract K-1a-IX;**

**THENCE S 00° 15' E, within the Jane A. Thompson Survey, 19.00 chains to corner 3 of Tract K-1a-IX, the third corner of the William M. Conner Survey, A-239, and a corner of the Jane Thompson Survey;**

**THENCE a calculated bearing and distance of S 46° 27' 05" W, across Tract K-1a-V, within the William Conner Survey, and also common to a western boundary of Tract K-1a-V Parcel #3, 110.06 chains to a point for corner, said point being on line between corners 32 and 33 of Tract K-1a-V;**

**THENCE N 35° 45' W, within the William Conner Survey, a calculated distance of 69.00 chains to the place of beginning, containing 1,687.04 acres, more or less, LESS AND EXCEPT 4.00 acres within Exception No. 1 to Tract K-1a-V, and 4.80 acres within Exception No. 2 to Tract K-1a-V, leaving a net acreage of 1,678.24 acres, be the same, more or less.**

**Exception No. 1, 4.00 acres: BEGINNING at corner 1, the northeast corner of the Zion Cemetery Lot. From this corner, corner 49 of Tract K-1a-V bears S 56° 15' E, 5.60 chains distant;**

**THENCE S 03° 15' E, within the M.J. Brashear and Henry W. Payne Surveys, 6.40 chains to corner 2 of Exception No. 1 of Tract K-1a-V;**

**THENCE S 88° 30' W, within the Henry W. Payne Survey, 6.40 chains to corner 3 of Exception No. 1 of Tract K-1a-V;**

**THENCE N 03° 30' W, within the Henry W. Payne and M.J. Brashear Surveys, 6.40 chains to corner 4 of Exception No. 1 of Tract K-1a-V;**

**THENCE N 88° 15' E, within the M. J. Brashear Survey, 6.40 chains to the PLACE OF BEGINNING, containing 4.0 acres, be the same, more or less.**



**Exception No. 2, 4.80 acres:** BEGINNING at corner 1, the fourth corner of the Henry W. Payne Survey. From this corner, corner 49 of Tract K-1a-V bears N 88° 45' E, 41.00 chains distant;

THENCE S 01° 00' E, common to the Henry W. Payne Survey, 16.10 chains to corner 2 of Exception No. 2 of Tract K-1a-V, the fourth corner of the John A. Brashear Survey, a Forest Service standard concrete post marked K-261;

THENCE N 88° 45' W, common to the John A. Brashear Survey, 3.50 chains to corner 3 of Exception No. 2 of Tract K-1a-V;

THENCE North, common to the E. T. Brashear Survey, 16.10 chains to corner 4 of Exception No. 2 of Tract K-1a-V;

THENCE N 88° 45' E, common to the M. J. Brashear Survey, 3.30 chains to the PLACE OF BEGINNING, containing 4.8 acres, be the same, more or less.

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-IX  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
9.60 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, lying entirely within the Jane A. Thompson patented Survey, A-1029, dated April 19, 1881. Tract K-1a-IX was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1 et seq., Deed Records of Houston County, Texas, described as follows for mineral leasing purposes.

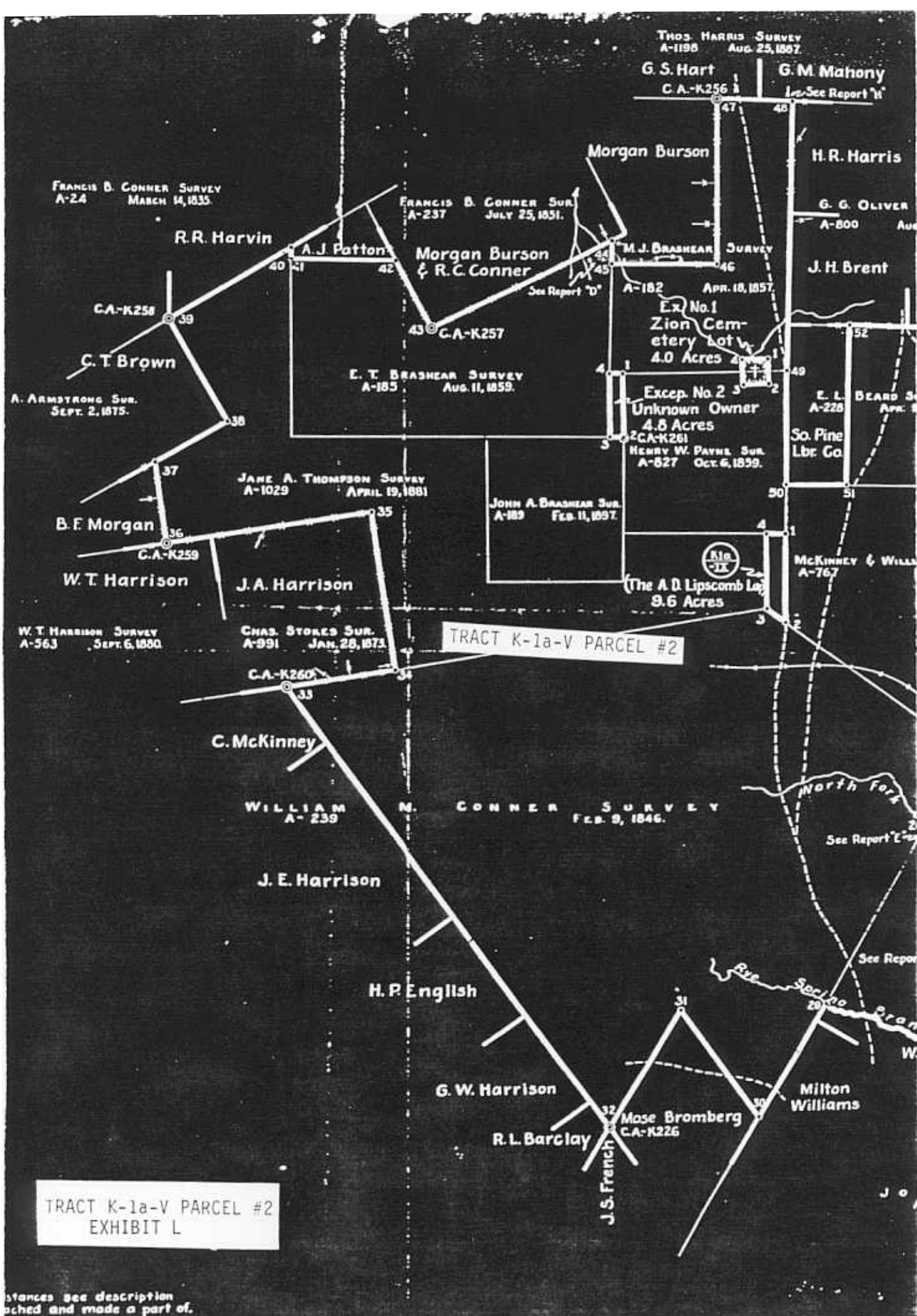
BEGINNING at corner 1, the second corner of the Henry W. Payne Survey, A-827. From this corner, corner 50 of Tract K-1a-V bears North, 12.20 chains distant;

THENCE South, common to the Jane A. Thompson Survey, A-1029, and the McKinney & Williams Survey, A-767, 22.20 chains to corner 2 of Tract K-1a-IX;

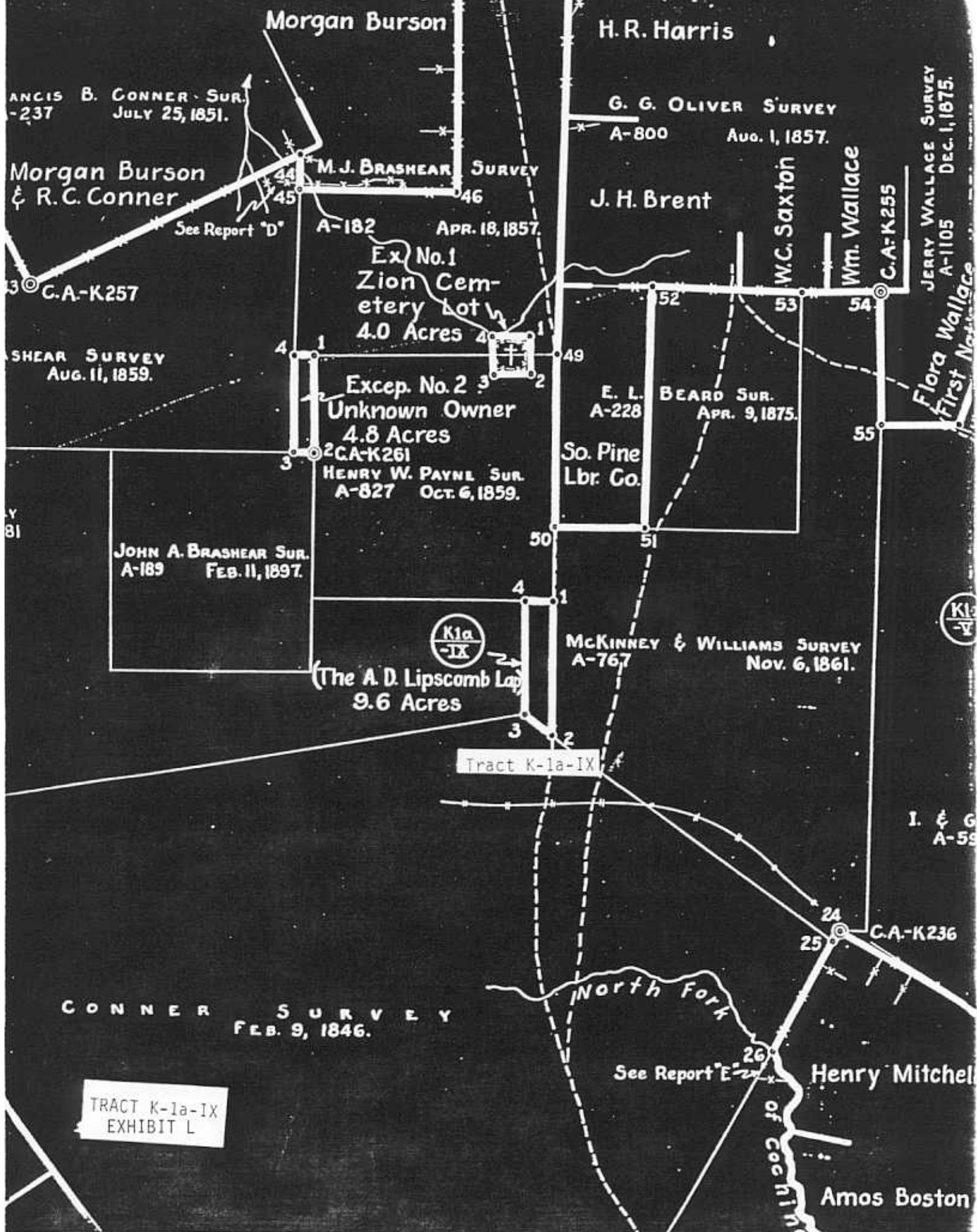
THENCE N 56° 00' W, common to the Jane A. Thompson Survey and the William M. Conner Survey, A-239, 5.80 chains to corner 3 of Tract K-1a-IX;

**THENCE N 00° 15' W, within the Jane A. Thompson Survey, 19.00 chains to corner 4 of Tract K-1a-IX;**

**THENCE N 89° 45' E, common to the Jane A. Thompson and Henry W. Payne Survey, 4.90 chains to the PLACE OF BEGINNING, containing 9.60 acres, be the same more or less.**



Distances see description  
attached and made a part of.



**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1a-V PARCEL #3**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**2,257.20 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in whole or in part the following patented Surveys: William Conner, A-239, dated February 9, 1846; John Box, A-14, dated July 30, 1835; McKinney & Williams, A-767, dated November 6, 1861; E. L. Beard, A-228, dated April 9, 1875; John Sides, A-943, dated October 21, 1859; I. & G.N.R.R. Survey No. 31, A-599, dated October 31, 1877; E. L. Beard, A-1237, dated October 6, 1896; F. W. McCarty, A-764, dated March 22, 1895; and H. C. Sides, A-941, dated September 8, 1859, identified herein as Tract K-1a-V Parcel #3 and described as follows for mineral leasing purposes. Tract K-1a-V Parcel #3 contains 2,257.20 acres, more or less, available for lease. Tract K-1a-V was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 23 of USFS Tract K-1a-V within the John Box Survey, A-14;

**THENCE** N 60° 15' W, common in part to the H. C. Sides Survey, A-941, the F. W. McCarty Survey, A-764, the I. & G.N.R.R. Survey No. 31, A-599, and to the John Box Survey, 83.30 chains to corner 24 of Tract K-1a-V, the beginning corner of the I. & G.N.R.R. Co. Survey No. 31, the fourth corner of the McKinney & Williams Survey, A-767, and the fourth corner of the John Box Survey, a Forest Service standard concrete post marked K-236;

**THENCE** two lines common in part to the McKinney & Williams Survey, A-767, and the William Conner Survey, A-239, and to the John Box Survey:

**S 36° 15' W, 2.10 chains to corner 25 of Tract K-1a-V;**  
**S 28° 15' W, 20.90 chains to corner 26 of Tract K-1a-V,**  
**a point in the center of the north fork of Cochino Bayou;**

**THENCE in a general southeasterly direction, down and with the meanders of the north fork of Cochino Bayou, within the John Box Survey, 63.00 chains to corner 27, a point**

**EXHIBIT M  
Page 2 of 3**

**in the center of the north fork of Cochino Bayou, having a calculated chord bearing and distance of S 19° 05' 57" E, 51.84 chains;**

**THENCE S 31° 45' W, within the John Box Survey, 4.10 chains to corner 28 of Tract K-1a-V, a point in the center of Rye Spring Branch;**

**THENCE in a general westerly direction, up and with the meanders of Rye Spring Branch, within the John Box Survey, 47.00 chains to corner 29, a point in the center of Rye Spring Branch, having a calculated chord bearing and distance of N 81° 00' W, 41.00 chains;**

**THENCE S 30° 30' W, common to the William M. Conner and John Box Surveys, 33.70 chains to corner 30 of Tract K-1a-V;**

**THENCE two lines within the William M. Conner Survey:**

**N 35° 30' W, 34.70 chains to corner 31 of Tract K-1a-V;  
S 30° 30' W, 35.00 chains to corner 32 of Tract K-1a-V,  
a F.S. standard concrete post marked K-226;**

**THENCE N 35° 45' W, within the William M. Conner Survey, a calculated distance of 70.00 chains to a point for corner on line between corners 32 and 33 of Tract K-1a-V;**

**THENCE a calculated bearing and distance of N 46° 27' 05" E, across Tract K-1a-V, within the William Conner Survey, and also common to a southeastern boundary of Tract K-1a-V Parcel #2, 110.06 chains to corner 3 of Forest Service lap Tract K-1a-IX, the third corner of the William M. Conner Survey and a corner of the Jane A. Thompson Survey, A-1029;**

**THENCE S 56° 00' E, common to the Jane A. Thompson and William M. Conner Surveys, 5.80 chains to corner 2 of Tract K-1a-IX, the second corner of the McKinney & Williams Survey, A-767, and a corner of the Jane A. Thompson Survey;**

**THENCE North, common to the Jane A. Thompson Survey and the McKinney & Williams Survey, A-767, 22.20 chains to corner 1 of Tract K-1a-IX, the second corner of the Henry W. Payne Survey, A-827;**

**THENCE continuing North, common to the Henry W. Payne Survey and the McKinney & Williams Survey, A-767, and common to an eastern boundary of Tract K-1a-V Parcel**

**EXHIBIT M  
Page 3 of 3**

**#2, 12.20 chains to corner 50 of Tract K-1a-V, the beginning corner of the McKinney & Williams Survey, A-767, and the second corner of the E. L. Beard Survey, A-228;**

**THENCE N 89° 30' E, common to the McKinney & Williams Survey, A-767, and the E. L. Beard Survey, A-228, 15.00 chains to corner 51 of Tract K-1a-V;**

**THENCE N 01° 15' E, within the E. L. Beard Survey, A-228, 40.30 chains to corner 52 of Tract K-1a-V;**

**THENCE S 88° 45' E, common to the E. L. Beard Survey, A-228, and the G. G. Oliver Survey, A-800, 25.10 chains to corner 53 of Tract K-1a-V;**

**THENCE N 88° 45' E, common to the McKinney & Williams Survey, A-767, and the G. G. Oliver Survey, 13.00 chains to corner 54 of Tract K-1a-V, a F.S. standard concrete post marked K-255;**

**THENCE S 00° 45' E, common to the McKinney & Williams Survey, A-767, and the Jerry Wallace Survey, A-1105, 22.10 chains to corner 55 of Tract K-1a-V;**

**THENCE N 89° 15' E, common to the Jerry Wallace Survey and the I. & G.N.R.R. Co. Survey No. 31, A-599, 13.10 chains to corner 56 of Tract K-1a-V;**

**THENCE N 19° 00' E, common to the Jerry Wallace Survey and the John Sides Survey, A-943, 39.50 chains to corner 57 of Tract K-1a-V;**

**THENCE S 72° 15' E, common to the John Sides Survey and in part to the Frederick Calhoun Survey, A-312, and the L. H. Sides Survey, A-979, 40.50 chains to corner 58 of Tract K-1a-V;**

**THENCE S 19° 15' W, common to the John Sides Survey and L. H. Sides Survey, 25.00 chains to corner 59 of Tract K-1a-V, a F.S. standard concrete post marked K-230;**

**THENCE across Tract K-1a-V, within the I. & G.N.R.R. Co. Survey No. 31, A-599, the E. L. Beard Survey, A-1237, the F. W. McCarty Survey, A-764, and the H. C. Sides Survey, and also common to the western boundary of Tract K-1a-V Parcel #1, a**

**calculated bearing and distance of S 04° 27' 02" E, 128.04 chains to the PLACE OF BEGINNING, containing 2,257.20 acres, more or less.**



THOS. HARRIS SURVEY  
A-1198 AUG. 25, 1887.

G. S. Hart  
C.A.-K256

G. M. Mahony  
See Report "H"

Morgan Burson

H. R. Harris

G. G. OLIVER SURVEY  
A-800 AUG. 1, 1857.

J. H. Brent

FREDERICK CALHOUN SUR.  
A-312 JULY 30, 1877.

J. C. & Mrs Dan  
Millar & McLean  
(Approved for Purchase)

L. H. Sides  
A-978

A. B. How

JOHN SIDES SURVEY  
A-943 OCT. 21, 1859.

E. L. BEARD SURVEY  
A-1237 OCT. 6, 1896.

I. G. N. R. R. Co. SURVEY No. 31  
OCT. 31, 1877.

F. W. McCARTY SURVEY  
A-764 MARCH 22, 1895.

Henry Mitchell

Amos Boson

Gus Singletary

W. H. Spinks

Milton Williams

Albert Mills

F. A. Smith

JOHN B. S. SURVEY  
A-14 JULY 30, 1835.

TRACT K-1a-V PARCEL #3

TRACT K-1a-V PARCEL #3  
EXHIBIT M

B. CONNER SUR  
JULY 25, 1851.

Morgan Burson  
R. C. Conner

C.A.-K257

AR SURVEY  
AUG. 11, 1859.

JOHN A. BRASHEAR SUR.  
A-183 FEB. 11, 1897.

Ex. No. 1  
Zion Cemetery  
4.0 Acres  
Excep. No. 2  
Unknown Owner  
4.8 Acres  
C.A.-K261  
HENRY W. PAYNE SUR.  
A-827 OCT. 6, 1899.

E. L. BEARD SUR.  
A-228 APR. 9, 1875.

So. Pine  
Lbr. Co.

McKINNEY & WILLIAMS SURVEY  
A-767 NOV. 6, 1861.

(The A. D. Lipscomb Lot)  
9.6 Acres

CONNER SURVEY  
FEB. 9, 1846.

See Report "E"

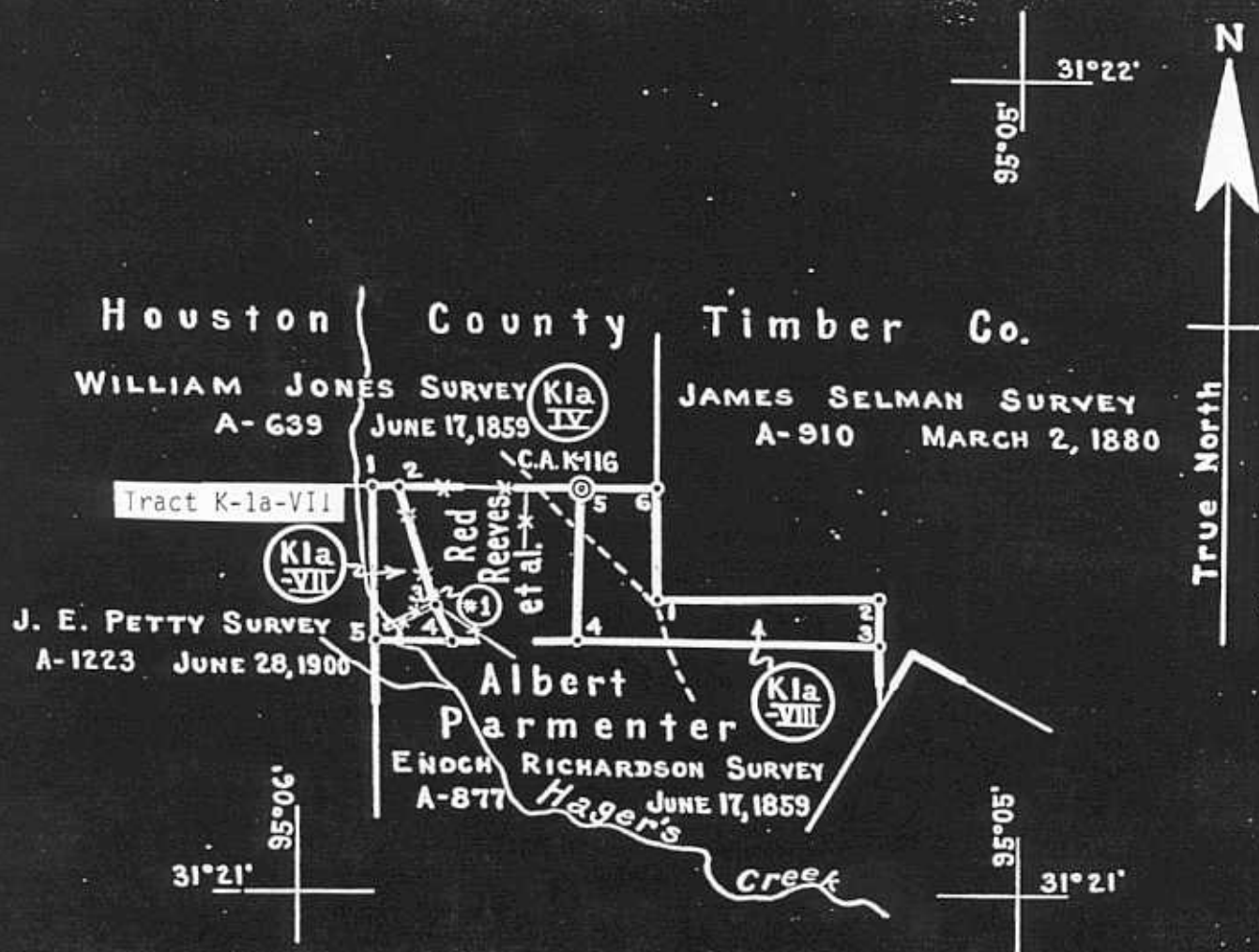
See Report "I"

G. W. Harrison

R. L. Barclay

Mose Bromberg  
C.A.-K226

J. S. French



**Note:**

For bearings and distances see description to which this map is attached and made a part of.

**Acreage Summary**

K1a-VII : 9.2

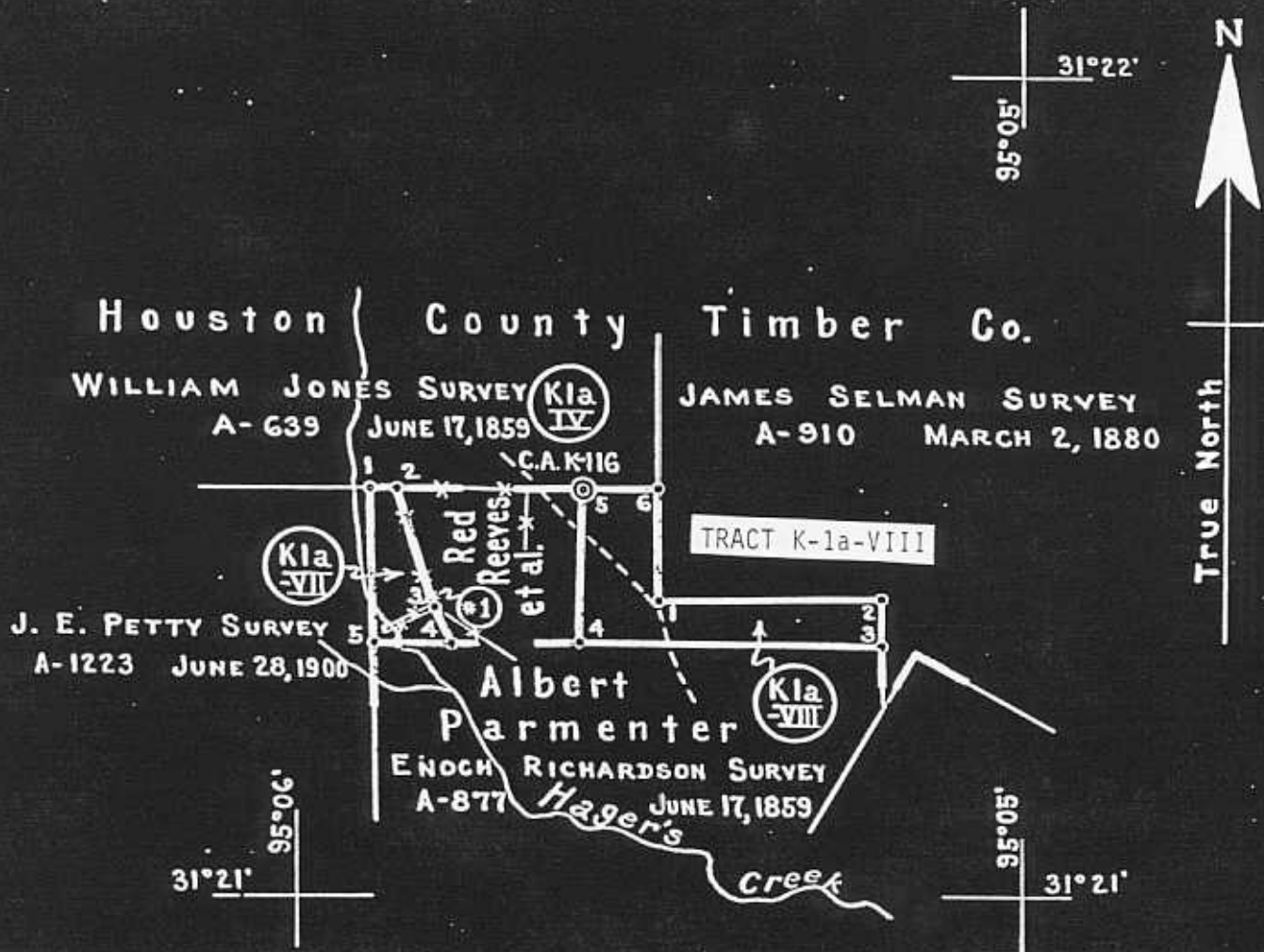
K1a-VIII: 27

**Total : 36.2**

**HOUSTON CO. TIMBER CO. TRACTS  
(K1a-VII) (K1a-VIII)  
HOUSTON COUNTY, TEXAS**

TRACT K-1a-VII  
Parcel No. 200107055

**36.2 ACRES  
L.M.K.-SUR.  
1934 - 1935  
SCALE: 1" = 20 CHAINS**



**Note:**

For bearings and distances see description to which this map is attached and made a part of.

**Acreage Summary**

K1a-VII : 9.2

K1a-VIII : 27

**Total : 36.2**

**HOUSTON CO. TIMBER CO. TRACTS**  
**(K1a-VII) (K1a-VIII)**  
**HOUSTON COUNTY, TEXAS**

TRACT K-1a-VIII  
PARCEL No. 200107056

**36.2 ACRES**  
**L.M.K.-SUR.**  
**1934 - 1935**  
**SCALE: 1" = 20 CHAINS**

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1b-V PARCEL #2**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**2,430.67 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Hickory Creek and San Pedro Creek, tributaries of the Neches River, embracing in part the Collin de Bland patented Survey, A-318, dated October 23, 1876, and the Jeremiah Strode patented Survey, A-81, dated March 18, 1835, and identified herein as Tract K-1b-V Parcel #2. Tract K-1b-V Parcel #2 contains 2,442.67 acres, more or less, LESS AND EXCEPT 12.00 acres within Exception No. 1 to Tract K-1b-V, leaving a net area of 2,430.67 acres, more or less, and is described as following for mineral leasing purposes. Tract K-1b-V was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 7 of USFS Tract K-1b-V, the twenty-second corner of the Collin de Bland Survey and the second corner of the J. C. Moffett Survey, A-772;

**THENCE** South, 40.40 chains to corner 8 of Tract K-1b-V;

**THENCE** across Tract K-1b-V, within the Collin de Bland Survey and the Jeremiah Strode Survey, A-81, and common to a northwestern boundary of Tract K-1b-V Parcel #3, a calculated bearing and distance of S 80° 58' 14" W, 110.05 chains to corner 33 of Tract K-1b-V;

**THENCE** four lines within the Jeremiah Strode Survey:

N 44° 50' E, 31.80 chains to corner 34 of Tract K-1b-V;  
N 45° 30' W, 32.80 chains to corner 35 of Tract K-1b-V;  
S 43° 15' W, 31.60 chains to corner 36 of Tract K-1b-V;  
N 45° 30' W, 21.70 chains to corner 37 of Tract K-1b-V;

**THENCE** N 00° 30' W, common to the Jeremiah Strode Survey and the William P. Davis Survey, A-28, 35.50 chains to corner 38 of Tract K-1b-V;

**THENCE N 01° 30' E, common to the Collin de Bland and the William P. Davis Surveys, 67.20 chains to corner 39 of Tract K-1b-V, a Forest Service standard concrete post marked K-143;**

**THENCE N 00° 50' E, common to the Collin de Bland and the William P. Davis Surveys, 83.90 chains to corner 40 of Tract K-1b-V;**

**THENCE N 09° 40' E, within the Collin de Bland Survey, 30.00 chains to corner 41 of Tract K-1b-V;**

**THENCE S 80° 30' E, common to the Collin de Bland Survey and the Daniel McLean Survey, A-57, 119.40 chains to corner 42 of Tract K-1b-V;**

**THENCE two lines within the Collin de Bland Survey:**

**S 06° 10' W, 13.10 chains to corner 43 of Tract K-1b-V;**

**S 09° 50' W, 12.00 chains to corner 44 of Tract K-1b-V;**

**THENCE three lines common to the Collin de Bland Survey and the B. F. Duren Survey, A-338:**

**N 80° 30' W, 39.80 chains to corner 45 of Tract K-1b-V;**

**S 08° 45' W, 50.70 chains to corner 46 of Tract K-1b-V;**

**S 80° 10' E, 17.80 chains to corner 47 of Tract K-1b-V;**

**THENCE three lines common to the Collin de Bland Survey and the George Robbins Survey, A-874:**

**S 45° 15' W, 55.40 chains to corner 48 of Tract K-1b-V;**

**S 45° 00' E, 52.40 chains to corner 49 of Tract K-1b-V,  
a F.S. standard concrete post marked K-97;**

**N 45° 50' E, 59.80 chains to corner 50 of Tract K-1b-V;**

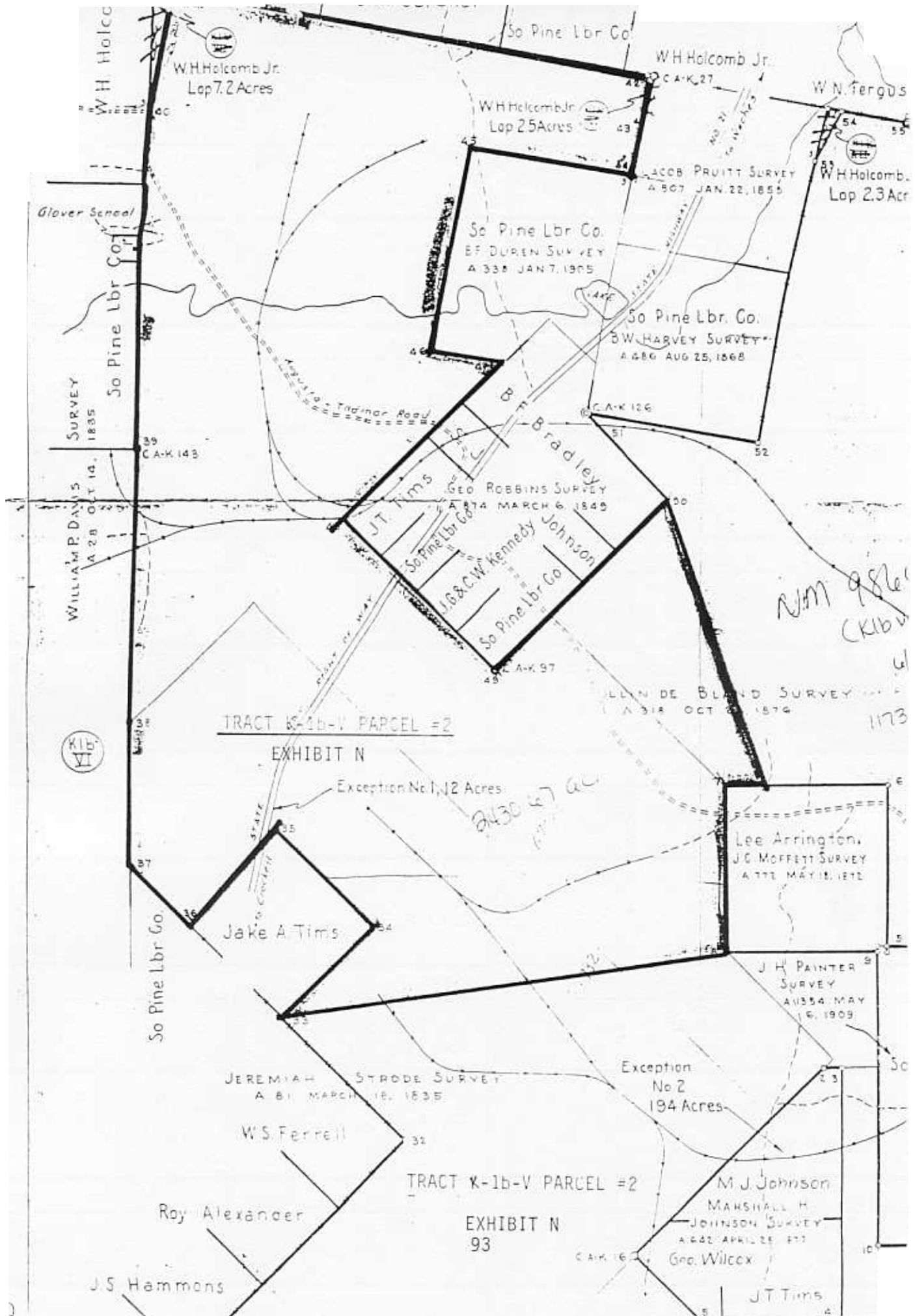
**THENCE across Tract K-1b-V, within the Collin de Bland Survey, and common to a southwestern boundary of issued BLM Lease NM-98642, effective June 1, 1997, aka Tract K-1b-V Parcel #1, a calculated bearing and distance of S 18° 07' 16" E, 74.28 chains to a point for corner on line between corners 6 and 7 of Tract K-1b-V;**



**THENCE S 89° 30' W, a calculated distance of 9.50 chains to the place of beginning containing a called 2,442.67 acres of land, more or less, LESS AND EXCEPT, 12.00 acres within Exception No. 1 to Tract K-1b-V, described as follows, leaving a net area available of 2,430.67 acres, be the same more or less.**

**Exception No. 1, 12.00 acres: All that area of land lying within the right-of-way lines of State Highway No. 21, 1.52 chains in width, within the Jeremiah Strode Survey, A-81, and the Collin de Bland Survey, A-318, being more particularly described as follows.**

**BEGINNING on a southeasterly line of Tract K-1b-V between corners 35 and 36 thereof, and running thence in a general northeasterly direction to a northeasterly line of Tract K-1b-V between corners 48 and 49 thereof, containing 12 acres, be the same more or less.**



TRACT K-1b-V PARCEL #2  
EXHIBIT N

Exception No 1, 12 Acres

JEREMIAH STRODE SURVEY  
A 81 MARCH 18, 1835

W.S. Ferrell

Roy Alexander

J.S. Hammons

TRACT K-1b-V PARCEL #2  
EXHIBIT N  
93

Exception  
No 2  
194 Acres

M.J. Johnson  
MARSHALL H.  
JOHNSON SURVEY  
A 602 APRIL 22, 1877  
Geo. Wilcox

Lee Arrington,  
J.C. MOFFETT SURVEY  
ATTN MAY 18, 1872

J.H. PAINTER  
SURVEY  
A 1354 MAY  
16, 1909

LLIN DE BLAND SURVEY  
A 314 OCT 2, 1874

GEO. ROBBINS SURVEY  
A 314 MARCH 6, 1849

So Pine Lbr. Co.  
B.W. HARVEY SURVEY  
A 486 AUG 25, 1868

So Pine Lbr Co.  
EF DUREN SURVEY  
A 338 JAN 7, 1905

W.H. Holcomb Jr.  
Lop 2.3 Acr

W.H. Holcomb Jr.  
Lop 2.5 Acres

W.H. Holcomb Jr.  
Lop 7.2 Acres

W.N. Ferguson

So Pine Lbr Co.

W.H. Holcomb

SURVEY  
1835

So Pine Lbr Co.

WILLIAM R. DAVIS  
SURVEY  
A 28 OCT 14, 1835

KIB VI

NM 986  
CKIB

1173

2430 67 ac

J.H. PAINTER  
SURVEY  
A 1354 MAY  
16, 1909

Exception  
No 2  
194 Acres

TRACT K-1b-V PARCEL #2  
EXHIBIT N  
93

M.J. Johnson  
MARSHALL H.  
JOHNSON SURVEY  
A 602 APRIL 22, 1877  
Geo. Wilcox

Lee Arrington,  
J.C. MOFFETT SURVEY  
ATTN MAY 18, 1872

J.H. PAINTER  
SURVEY  
A 1354 MAY  
16, 1909

LLIN DE BLAND SURVEY  
A 314 OCT 2, 1874

GEO. ROBBINS SURVEY  
A 314 MARCH 6, 1849

So Pine Lbr. Co.  
B.W. HARVEY SURVEY  
A 486 AUG 25, 1868

So Pine Lbr Co.  
EF DUREN SURVEY  
A 338 JAN 7, 1905

W.H. Holcomb Jr.  
Lop 2.3 Acr

W.H. Holcomb Jr.  
Lop 2.5 Acres

W.H. Holcomb Jr.  
Lop 7.2 Acres

W.N. Ferguson

So Pine Lbr Co.

W.H. Holcomb

SURVEY  
1835

So Pine Lbr Co.

WILLIAM R. DAVIS  
SURVEY  
A 28 OCT 14, 1835

KIB VI

NM 986  
CKIB

1173

2430 67 ac

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1b-V PARCEL #3**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**2,344.83 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Hickory Creek and San Pedro Creek, tributaries of the Neches River, embracing in part the following patented Surveys: Jeremiah Strode, A-81, dated March 18, 1835; Collin de Bland, A-318, dated October 23, 1876; J. H. Painter, A-1354, dated May 6, 1909; Marshall H. Johnson, A-642, dated April 28, 1877; Charles Casmer, A-283, dated March 28, 1899; William Heath, A-42, dated June 7, 1835; William Irwin, A-571, dated May 14, 1855; and James Patton, A-808, dated January 8, 1851, and identified herein as Tract K-1b-V Parcel #3. Tract K-1b-V Parcel #3 contains 2,538.83 acres, more or less, LESS AND EXCEPT 194.00 acres within Exception No. 2 to Tract K-1b-V, leaving a net area of 2,344.83 acres, more or less, and is described as following for mineral leasing purposes. Tract K-1b-V was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 8 of USFS Tract K-1b-V, the twenty-third corner of the Collin de Bland Survey, the beginning corner of the J. C. Moffett Survey, A-772, and the beginning corner of the J. H. Painter Survey, A-1354;

**THENCE** N 89° 30' E, common to the J. C. Moffett and the J. H. Painter Surveys, 37.10 chains to corner 9 of Tract K-1b-V;

**THENCE** S 00° 10' W, common to the William A. Irwin Survey, A-571, and in part to the J. H. Painter Survey and the Marshall H. Johnson Survey, A-642, 72.30 chains to corner 10 of Tract K-1b-V;

**THENCE** N 89° 45' E, within the William A. Irwin Survey, 40.20 chains to corner 11 of Tract K-1b-V;

**THENCE** North, common to the James Patton Survey, A-808, and the William A. Irwin Survey, 11.20 chains to corner 12 of Tract K-1b-V;



**THENCE four lines within the James Patton Survey:**

**S 89° 30' E, 36.20 chains to corner 13 of Tract K-1b-V;  
S 00° 10' W, 31.90 chains to corner 14 of Tract K-1b-V;  
S 89° 45' E, 14.10 chains to corner 15 of Tract K-1b-V;  
S 00° 10' W, 29.90 chains to corner 16 of Tract K-1b-V;**

**THENCE two lines common to the James Patton Survey and the Russell Moore Survey, A-1241:**

**S 59° 30' W, 14.50 chains to corner 17 of Tract K-1b-V;  
N 44° 45' W, 16.50 chains to corner 18 of Tract K-1b-V,  
a Forest Service standard concrete post marked K-141;**

**THENCE S 60° 10' W, common to the William A. Irwin Survey and in part to the Russell Moore Survey and the James Patton Survey, A-810, 45.70 chains to corner 19 of Tract K-1b-V;**

**THENCE S 89° 45' W, common to the William A. Irwin Survey and the W. C. Wilson Survey, A-1257, 26.20 chains to corner 20 of Tract K-1b-V;**

**THENCE N 01° 30' E, common to the William A. Irwin Survey and the W. C. Wilson Survey, 2.50 chains to corner 21 of Tract K-1b-V;**

**THENCE N 89° 20' W, common to the Charles Casmer Survey, A-283, and the W. C. Wilson Survey, 5.80 chains to corner 22 of Tract K-1b-V;**

**THENCE South, common to the William Heath Survey, A-42, and in part to the W. C. Wilson Survey and the J. O. Norred Survey, A-1141, 55.80 chains to corner 23 of Tract K-1b-V;**

**THENCE S 89° 10' W, common to the William Heath Survey and the R. Russell Survey, A-76, 40.95 chains to corner 24 of Tract K-1b-V;**

**THENCE N 00° 10' E, within the William Heath Survey, 55.90 chains to corner 25 of Tract K-1b-V;**

**THENCE East, common to the William Heath and the Charles Casmer Surveys, 0.62 chain to corner 26 of Tract K-1b-V;**

**THENCE three lines within the Charles Casmer Survey:**

**N 20° 20' W, 35.10 chains to corner 27 of Tract K-1b-V;  
S 44° 20' W, 27.30 chains to corner 28 of Tract K-1b-V;  
N 53° 30' W, 24.80 chains to corner 29 of Tract K-1b-V;**

**THENCE S 44° 50' W, common to the Jeremiah Strode Survey and in part to the Charles Casmer and William Heath Surveys, 44.20 chains to corner 30 of Tract K-1b-V;**

**THENCE N 45° 10' W, within the Jeremiah Strode Survey, 60.40 chains to corner 31 of Tract K-1b-V;**

**THENCE N 45° 40' E, within the Jeremiah Strode Survey, 75.60 chains to corner 32 of Tract K-1b-V;**

**THENCE a calculated bearing and distance of N 44° 12' 45" W, 41.46 chains to corner 33 of Tract K-1b-V;**

**THENCE across Tract K-1b-V, within the Jeremiah Strode Survey and the Collin de Bland Survey, A-318, and common to the most southern boundary of Tract K-1b-V Parcel #2, a calculated bearing and distance of N 80° 58' 14" E, 110.05 chains to the place of beginning containing a called 2,538.83 acres of land, more or less, LESS AND EXCEPT, 194.00 acres within Exception No. 2 to Tract K-1b-V, described as follows, leaving a net area available of 2,344.83 acres, be the same more or less.**

**Exception No. 2, 194.00 acres: All that area of land lying entirely within the Marshall Johnson Survey, A-642, and being more particularly described as follows.**

**BEGINNING at corner 1, identical with the third corner of the Marshall H. Johnson Survey and the second corner of the Charles Casmer Survey, A-283, a F.S. standard concrete post marked K-16 set in the center of an old road. From this corner, corner 29 of Tract K-1b-V bears S 44° 49' W, 56.40 chains distant.**

**THENCE N 45° 35' E, common to the Marshall H. Johnson Survey and in part to the Jeremiah Strode Survey and the Collin de Bland Survey, 65.50 chains to corner 2 of Exception No. 2 of Tract K-1b-V;**

**THENCE N 89° 30' E, common to the Marshall H. Johnson Survey and the J. H. Painter Survey, 4.70 chains to corner 3 of Exception No. 2 of Tract K-1b-V;**

THENCE S 00° 20' W, within the Marshall H. Johnson Survey, 61.90 chains to corner 4 of Exception No. 2 of Tract K-1b-V;

THENCE N 89° 30' W, common to the Marshall H. Johnson and the Charles Casmer Surveys, 34.80 chains to corner 5 of Exception No. 2 of Tract K-1b-V;

THENCE N 45° 15' W, common to the Marshall H. Johnson and the Charles Casmer Surveys, 22.90 chains to the PLACE OF BEGINNING, containing 194.00 acres, more or less.

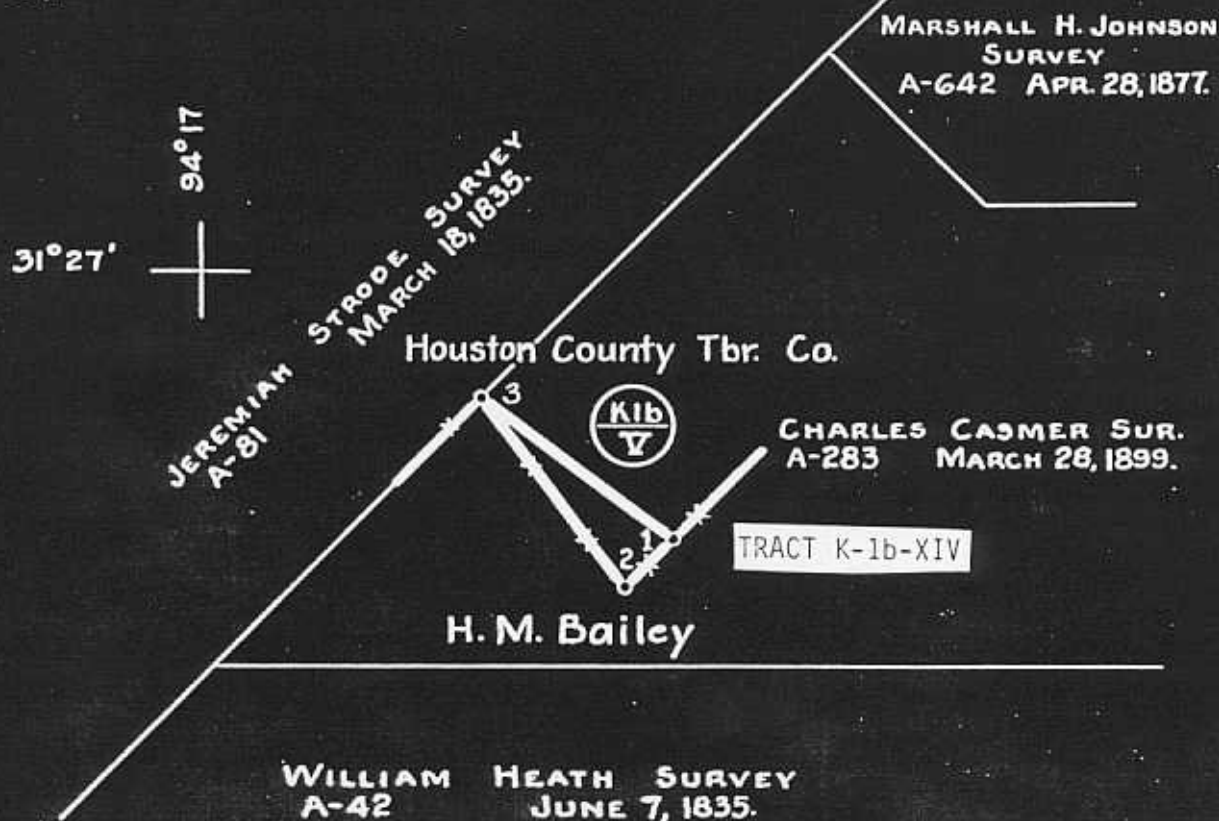
***BRIEF DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1b-XIV  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
9.40 ACRES***

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Hickory Creek, a tributary of the Neches River, lying wholly within the Charles Casmer patented Survey, A-283, dated March 28, 1899. Tract K-1b-XIV was acquired from Houston County Timber Company, by deed dated July 1, 1935 and recorded in Volume 172, Page 1 et seq., Deed Records of Houston County, Texas, and contains 9.40 acres, be the same more or less.



NOTE:

For bearings and distances see description to which this map is attached and made a part of.



HOUSTON COUNTY TIMBER CO. TRACT  
(Kib-XIV)

HOUSTON COUNTY, TEXAS  
9.4 ACRES

G.W.H. - SUR.  
1935

SCALE: 1"=20 CHAINS

TRACT K-1b-XIV  
EXHIBIT 0

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-1b-VI PARCEL #2**  
**DAVY CROCKETT NATIONAL FOREST**  
**HOUSTON COUNTY, TEXAS**  
**1,442.27 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of the Neches River, lying entirely within the William P. Davis patented Survey, A-28, dated October 14, 1835, identified herein as Tract K-1b-VI Parcel #2. Tract

K-1b-VI Parcel #2 contains 1,442.27 acres, more or less, and is described for mineral leasing purposes as being the remainder of Tract K-1b-VI containing 2,891.00 acres, LESS AND EXCEPT the western 1,448.73 acres designated as Tract K-1b-VI Parcel #1, leaving a net acreage available of 1,442.27 acres, more or less, and more specifically covering the area of Tract K-1a-VI lying within the boundaries of established corners 22 through 33. Tract K-1b-VI was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas. Tract K-1b-VI Parcel #1 is described as follows.

Tract K-1b-VI Parcel #1: BEGINNING at corner 1 of USFS Tract K-1b-VI, the seventeenth corner of the A. M. Adair Survey, A-124, and the J. W. Manning Survey, A-780;

THENCE N 45° 50' E, common to the A. M. Adair Survey and the W. D. F. Adams Survey, A-109, 18.10 chains to corner 2 of Tract K-1b-VI;

THENCE N 45° 00' W, common to the A. M. Adair and the W. D. F. Adams, 5.70 chains to corner 3 of Tract K-1b-VI;

THENCE four lines within the A. M. Adair Survey:

N 43° 40' E, 16.50 chains to corner 4 of Tract K-1b-VI;  
N 45° 00' W, 27.50 chains to corner 5 of Tract K-1b-VI;  
N 44° 45' E, 17.30 chains to corner 6 of Tract K-1b-VI;  
N 45° 45' W, 29.80 chains to corner 7 of Tract K-1b-VI;

**THENCE N 39° 50' W, common to the A. M. Adair Survey and the Joel W. Stowe Survey, A-921, 4.85 chains to corner 8 of Tract K-1b-VI;**

**EXHIBIT P**  
**Page 2 of 4**

**THENCE East, common to the A. M. Adair Survey and the James Saunders Survey, A-907, 59.90 chains to corner 9 of Tract K-1b-VI, a Forest Service standard concrete post marked K-151;**

**THENCE N 00° 30' E, common to the James Saunders Survey and in part to the James Duncan Survey, A-344, the Levi W. White Survey, A-1068, and the Jacob Veittle Survey, A-1056, 103.50 chains to corner 10 of Tract K-1b-VI, a F.S. standard concrete post marked K-124;**

**THENCE N 89° 15' W, common to the Jacob Veittle and the James Saunders Surveys, 38.70 chains to corner 11 of Tract K-1b-VI;**

**THENCE N 00° 30' E, within the Jacob Veittle Survey, 15.80 chains to corner 12 of Tract K-1b-VI;**

**THENCE East, common to the Jacob Veittle Survey and the Marselino Salas Survey, A-77, 68.00 chains to corner 13 of Tract K-1b-VI;**

**THENCE two lines within the Marselino Salas Survey:**

**N 38° 15' W, 28.00 chains to corner 14 of Tract K-1b-VI;**  
**S 89° 30' E, 55.50 chains to corner 15 of Tract K-1b-VI;**

**THENCE S 37° 00' E, common to the Marselino Salas Survey and the William P. Davis Survey, A-28, 26.60 chains to corner 16 of Tract K-1b-VI, a F.S. standard concrete post marked K-101;**

**THENCE West, common to the Marselino Salas Survey and the Nat Patton Survey, A-1372, 42.80 chains to corner 17 of Tract K-1b-VI;**

**THENCE S 01° 30' W, common to the Jacob Veittle Survey and the Nat Patton Survey, 9.30 chains to corner 18 of Tract K-1b-VI;**

**THENCE S 89° 15' E, common to the Levi White Survey and the Nat Patton Survey, 21.80 chains to corner 19 of Tract K-1b-VI;**

**THENCE S 00° 15' W, within the Levi White Survey, 42.50 chains to corner 20 of Tract**

**K-1b-VI;**

**EXHIBIT P**  
**Page 3 of 4**

**THENCE East, common to the Levi White Survey and the J. S. Weeks Survey, A-1104, 23.00 chains to corner 21 of Tract K-1b-VI;**

**THENCE S 01° 00' W, common to the J. S. Weeks and the William P. Davis Surveys, 3.00 chains to corner 22 of Tract K-1b-VI, a F.S. standard concrete post marked K-111;**

**THENCE across Tract K-1b-VI, common to the J. S. Weeks and the William P. Davis Surveys and common to the western boundary of Tract K-1b-VI Parcel #2, a calculated bearing and distance of S 00° 10' 53" E, 38.62 chains to corner 33 of Tract K-1a-IV, the fourth corner of the J. S. Weeks Survey and the second corner of the Brown Wright Survey, A-1273;**

**THENCE S 89° 15' W, common to the J. S. Weeks and the Brown Wright Surveys, 37.80 chains to corner 34 of Tract K-1b-VI;**

**THENCE S 00° 45' W, common to the Brown Wright Survey and in part to the James Duncan Survey, A-344, and the A. M. Adair Survey, 43.40 chains to corner 35 of Tract K-1b-VI;**

**THENCE S 63° 30' E, common to the Van Benton Survey, A-1176, and the A. M. Adair Survey, 1.74 chains to corner 36 of Tract K-1b-VI;**

**THENCE S 43° 50' W, common to the E. Norred Survey, A-794, and the A. M. Adair Survey, 40.00 chains to corner 37 of Tract K-1b-VI;**

**THENCE N 45° 40' W, common to the Lewis Hall Survey, A-562, and the A. M. Adair Survey, 28.70 chains to corner 38 of Tract K-1b-VI;**

**THENCE S 45° 00' W, common to the Lewis Hall and the A. M. Adair Surveys, 38.10 chains to corner 39 of Tract K-1b-VI;**

**THENCE S 44° 45' E, common to the Lewis Hall and the A. M. Adair Surveys, 28.70 chains to corner 40 of Tract K-1b-VI;**

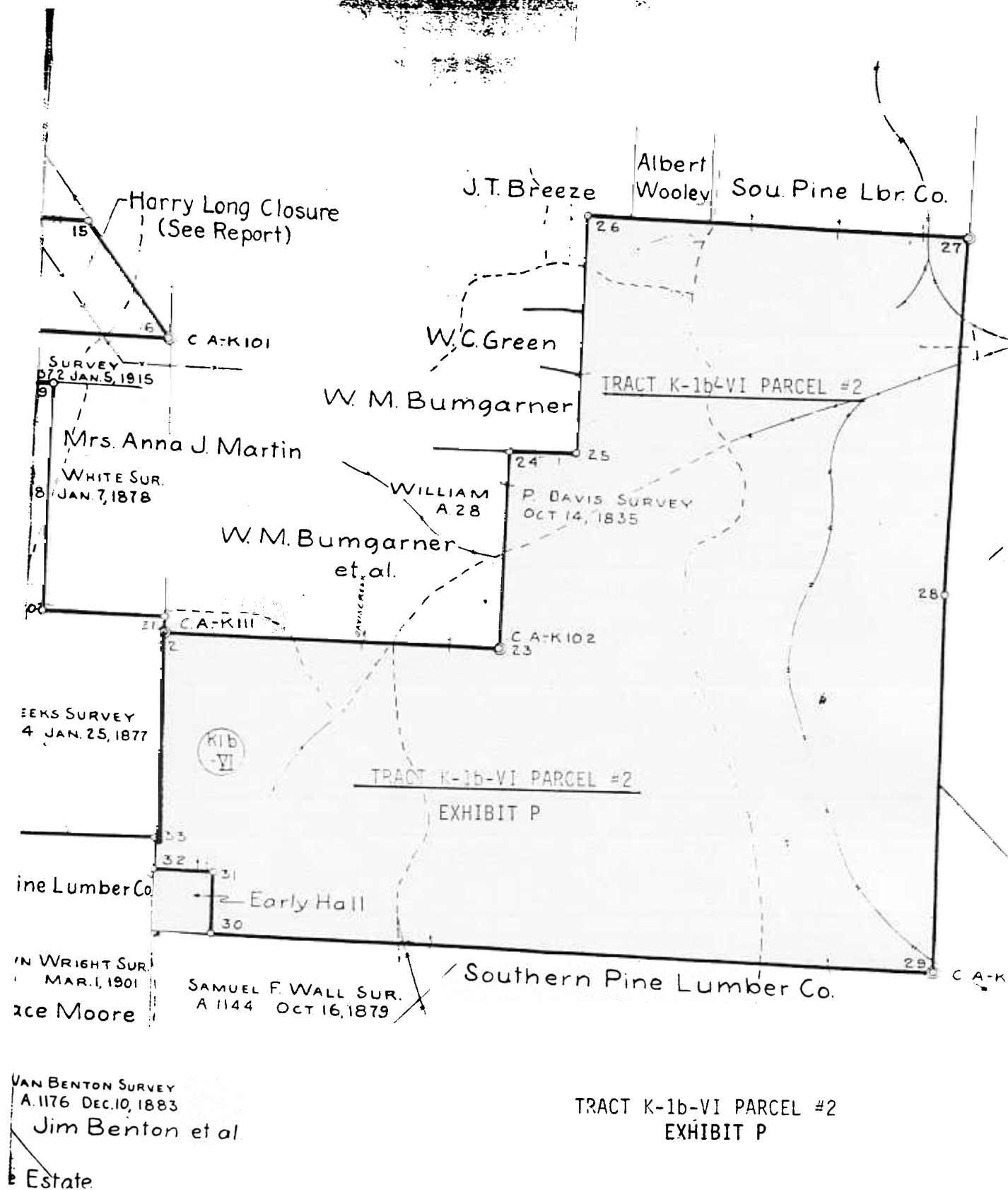


**THENCE two lines common to the A. M. Adair Survey and the George Smith Survey, A-1017:**

**S 46° 15' W, 26.50 chains to corner 41 of Tract K-1b-VI;  
S 43° 00' E, 13.80 chains to corner 42 of Tract K-1b-VI,  
a F.S. standard concrete post marked K-127;**

**THENCE S 45° 00' W, common to the A. M. Adair Survey and John Bust Survey, A-231, 10.30 chains to corner 43 of Tract K-1b-VI;**

**THENCE N 45° 40' W, common to the A. M. Adair Survey and J. W. Manning Survey, A-780, 36.20 chains to the PLACE OF BEGINNING containing a called 1,448.73 acres of land, be the same more or less.**





**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-27  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
58.00 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Cochino Bayou, a tributary of Neches River, embracing a part of the John Bethea patented Survey, A-152, dated July 24, 1871. Tract K-27 was acquired from Crockett State Bank by deed dated April 29, 1936 and recorded in Volume 177, Page 5 et seq., Deed Records of Houston County, Texas, and is described as follows.

**BEGINNING** at corner 1, common to corner 46a of Forest Service Tract K-1a-VI, on the northeast line of the John Bethea Survey, A-152, and the southwest line of the Heirs of George G. Alford Survey, A-127;

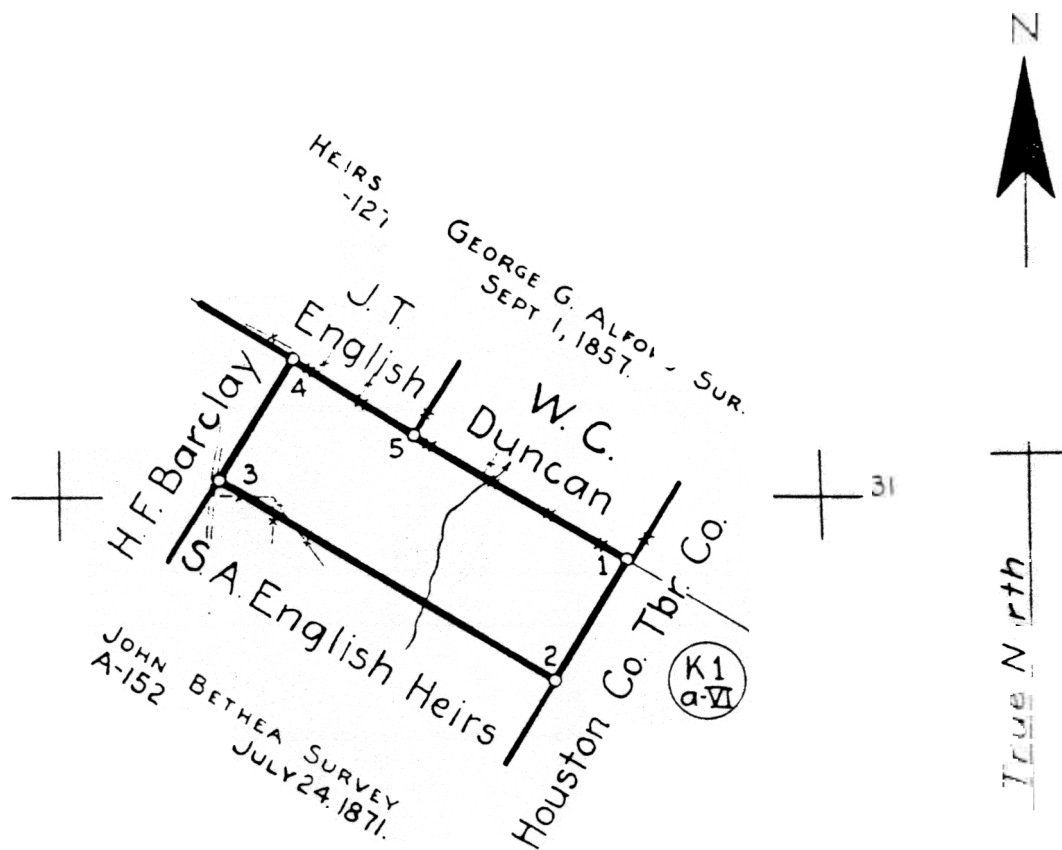
**THENCE** S 31° 00' W, with Tract K-1a-VI, within the John Bethea Survey, 14.70 chains to corner 2 of Tract K-27;

**THENCE** N 58° 30' W, within the John Bethea Survey, 40.00 chains to corner 3 of Tract K-27;

**THENCE** N 31° 15' E, within the John Bethea Survey, 14.70 chains to corner 4 of Tract K-27;

**THENCE** S 57° 15' E, common to the John Bethea Survey and the Heirs of George G. Alford Survey, 14.80 chains to corner 5 of Tract K-27;

**THENCE** S 59° 15' E, common to the John Bethea Survey and the Heirs of George G. Alford Survey, 25.30 chains to the **PLACE OF BEGINNING**, containing 58.00 acres, be the same more or less.



Note

For bearings and distance, description to this map attached and made part

# THE CROCKETT STATE BANK TRACT K27

HOUSTON COUNTY TEXAS

58 ACRES

LMK SUR

935

SCALE 20 CHAINS

TRACT 27  
EXHIBIT

31°29'  
95°16'  
COLLIN DE BLAND SURVEY  
A 318 OCT. 23, 1876

K1b  
V

J.C. MOFFETT SURVEY  
A 772 MAY 18, 1872

TRACT K-43

J.H. PAINTER  
SURVEY  
A1354 MAY  
6, 1909

So. Pine Lbr. Co.

WILLIAM A. IRWIN SURVEY  
A 571 MAY 14, 1855

K1b  
V

95°15'  
31°29'  
TRUE NORTH

Note: For bearings and distances see  
description to which this map  
is attached and made a part of.

MISS LEE ARRINGTON  
(K43)  
HOUSTON COUNTY, TEXAS  
161 ACRES  
L.B.R. SUR.  
1938

TRACT K-43  
PARCEL No. 200107062

SCALE 1"=20 CHAINS

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-603  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
33.60 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of Hager Creek, a tributary of the Neches River, lying entirely within the Enoch Richardson patented Survey, A-877, dated June 17, 1859, and being the north 33.60 acres of the 67.20 acre tract designated as Tract K-603. Forest Service Tract K-603 was acquired from George R. Cullen and wife, Essie Cullen, by deed dated September 16, 1939 and recorded in Volume 199, Page 232 et seq., Deed Records of Houston County, Texas, and contains 67.20 acres, more or less, SUBJECT TO the south half of this tract (33.60 ac) being outstanding in third parties as reserved in deed from Jay Lewis and wife, Myrtle Lewis to W. L. Owens dated 2/12/1929 and recorded in Volume 129, Page 110 of the Records of Houston County, Texas, leaving a net area available at 33.60 acres, be the same more or less. Tract K-603 is described as follows:

**BEGINNING** at corner 1, common to corner 24 of Forest Service Tract K-1a-IV, identical with the twelfth corner of the James Selman Survey, A-910, dated March 2, 1880, and the ninth corner of the Enoch Richardson Survey, A-877, a stake witnessed by bearing trees;

**THENCE** S 32° 00' W, common to the Enoch Richardson Survey and to the James J. Williams Survey, A-1088, dated May 3, 1850, 7.19 chains to corner 2 of Tract K-603;

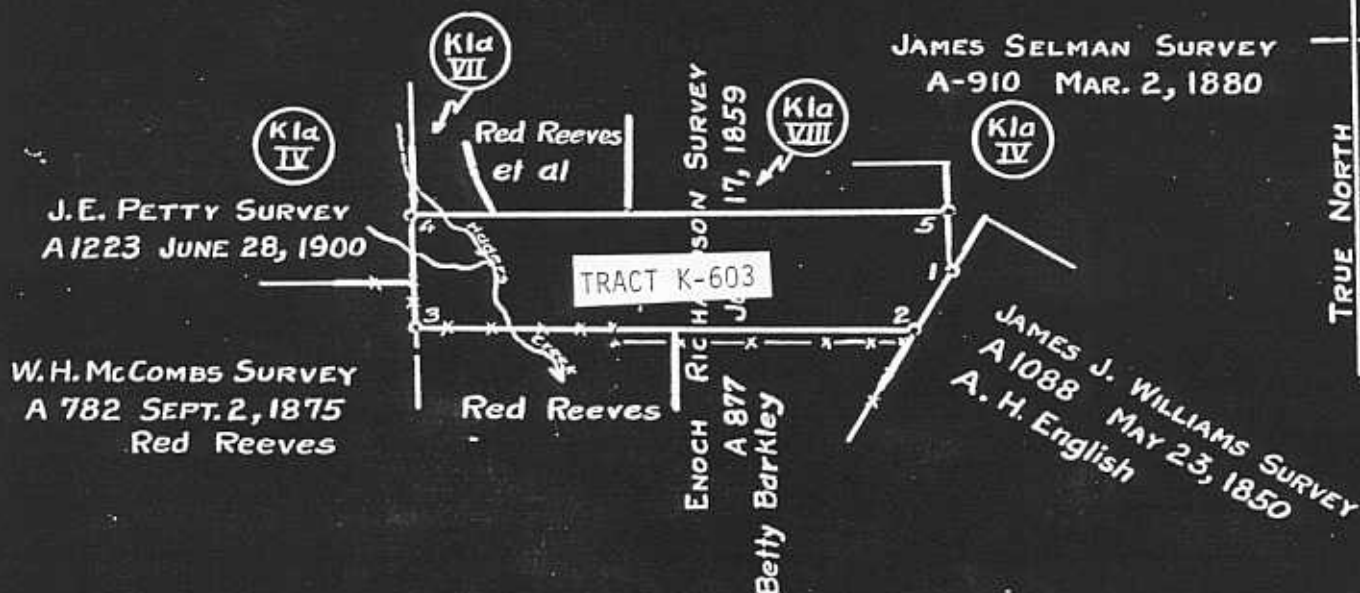
**THENCE** N 89° 30' W, within the Enoch Richardson Survey, 50.78 chains to corner 3 of Tract K-603;

**THENCE** N 01° 00' W, common to the Enoch Richardson Survey, the W. H. McCombs Survey, A-782, dated September 2, 1875 and to the J. E. Petty Survey A-1223, dated June 28, 1900, 12.03 chains to corner 4 of Tract K-603, common to corner 5 of F. S. Tract K-1a-VII;

**THENCE** S 89° 30' E, with the lands of F.S. Tracts K-1a-VII and Tract K-1a-VIII, and within the Enoch Richardson Survey, 55.00 chains to corner 5 of Tract K-603, common to corner 3 of F.S. Tract K-1a-VIII;

**THENCE S 01° 30' E, with Tract K-1a-IV, common to the Enoch Richardson and James Selman Surveys, 6.35 chains to the place of beginning, containing 67.20 acres, be the same more or less.**





Note: For bearings and distances see description to which this map is attached and made a part of.

# GEORGE R. CULLIN TRACT (K 603)

HOUSTON COUNTY, TEXAS

67.2 ACRES

L.B.R. SUR.

1938

SCALE 1" = 20 CHAINS

TRACT K-603  
EXHIBIT R

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-VI PARCEL #1  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON AND TRINITY COUNTIES, TEXAS  
2,504.41 ACRES**

All that certain tract or parcel of land lying and being in Houston and Trinity Counties, Texas, on the waters of the Neches River, embracing in whole or in part the following patented Surveys: I. & G.N.R.R. Co. No. 35, A-603, dated November 21, 1876; I. & G.N.R.R. Co. No. 34, A-580, dated September 8, 1877; David Kersey, A-659, dated February 23, 1858; John B. Odell, A-802, dated October 28, 1890; George English, A-392, dated November 6, 1861; John Davenport, A-331, dated August 2, 1907; I. & G.N.R.R. Co. No. 19, A-590, dated November 23, 1876; Charles Stokes, A-993, dated March 8, 1876, identified herein as Tract K-1a-VI Parcel #1. Tract K-1a-VI Parcel #1 contains 2,504.41 acres, more or less, with 2,501.91 acres being in Houston County, and 2.50 acres being in Trinity County and is described as follows for mineral leasing purposes. Tract K-1a-VI was acquired from Houston County Timber Company by deed dated September 24, 1935 and recorded in Volume 171, Page 442 et seq., Deed Records of Houston County, Texas and Volume 83, Pages 285-309, Deed Records of Trinity County, Texas.

**BEGINNING** at corner 1 of USFS Tract K-1a-VI, identical with the thirteenth corner of the I. & G.N.R.R. Co. Survey No. 35, A-603, and the second corner of the J. P. Brannon Survey, A-134, a Forest Service standard concrete post marked K-339;

**THENCE** N 89° 15' W, common to the I. & G.N.R.R. Co. Survey No. 35, and the J. P. Brannon Survey, 31.40 chains to corner 2 of Tract K-1a-VI;

**THENCE** two lines common to the I. & G.N.R.R. Co. Survey No. 35 and the William J. Meachum Survey, A-733:

North, 15.50 chains to corner 3 of Tract K-1a-VI;  
West, 13.30 chains to corner 4 of Tract K-1a-VI;

**THENCE** N 00° 15' W, common to the I. & G.N.R.R. Co. Survey No. 35 and the G. W. Keel Survey, A-669, 49.80 chains to corner 5 of Tract K-1a-VI, a F.S. standard concrete post marked K-338;

**THENCE S 89° 00' W, common to the I. & G.N.R.R. Co. Survey No. 34, A-580, and the G. W. Keel Survey, 35.50 chains to corner 6 of Tract K-1a-VI;**

**THENCE N 00° 15' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the J. L. Landrum Survey, A-684, 31.20 chains to corner 7 of Tract K-1a-VI;**

**THENCE S 89° 30' W, common to the I. & G.N.R.R. Co. Survey No. 34 and the J. L. Landrum Survey, 39.30 chains to corner 8 of Tract K-1a-VI, a F.S. standard concrete post marked K-337;**

**THENCE N 10° 00' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the George English Survey, A-390, 46.30 chains to corner 9 of Tract K-1a-VI;**

**THENCE S 79° 30' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the James Pervis Survey, A-835, 13.20 chains to corner 10 of Tract K-1a-VI;**

**THENCE N 11° 15' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the James Pervis Survey, 17.30 chains to corner 11 of Tract K-1a-VI;**

**THENCE S 79° 45' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the W. H. Threadgill Survey, A-1379, 17.50 chains to corner 12 of Tract K-1a-VI;**

**THENCE N 10° 30' E, common to the David Kersey Survey, A-659, and the W. H. Threadgill Survey, 14.50 chains to corner 13 of Tract K-1a-VI;**

**THENCE S 79° 00' E, common to the David Kersey Survey, and the William Smelly Survey, A-938, 31.20 chains to corner 14 of Tract K-1a-VI;**

**THENCE S 09° 45' W, within the David Kersey Survey, 24.50 chains to corner 15 of Tract K-1a-VI;**

**THENCE N 79° 30' W, within the David Kersey Survey, 31.80 chains to corner 16 of Tract K-1a-VI;**

**THENCE three lines common to the I. & G.N.R.R. Co. Survey No. 34 and the David Kersey Survey:**

**S 12° 00' W, 24.80 chains to corner 17 of Tract K-1a-VI;**

**S 78° 30' E, 63.50 chains to corner 18 of Tract K-1a-VI;**

**N 11° 15' E, 49.50 chains to corner 19 of Tract K-1a-VI;**

**THENCE two lines common to the I. & G.N.R.R. Co. Survey No. 34 and the George English Survey, A-391:**

**S 79° 30' E, 3.50 chains to corner 20 of Tract K-1a-VI;  
N 10° 30' E, 2.50 chains to corner 21 of Tract K-1a-VI;**

**THENCE S 79° 30' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the George English Survey, 45.00 chains to corner 22 of Tract K-1a-VI, a Forest Service standard concrete post marked K-268;**

**THENCE N 10° 30' E, common to the I. & G.N.R.R. Co. Survey No. 34 and the George English Survey, 12.20 chains to corner 23 of Tract K-1a-VI;**

**THENCE S 82° 00' E, common to the John B. Odell Survey, A-802, and the J. A. Platt Survey, A-1355, 3.90 chains to corner 24 of Tract K-1a-VI;**

**THENCE N 11° 00' E, common in part to the George English Survey, A-392, and the John Davenport Survey, A-331, and in part to the J. A. Platt Survey and the John H. Vick Survey, A-1052, 79.10 chains to corner 25 of Tract K-1a-VI, a Forest Service standard concrete post marked K-345;**

**THENCE S 78° 45' E, common to the John Davenport Survey and the D. C. Morgan Survey, A-1345, 21.10 chains to corner 26 of Tract K-1a-VI;**

**THENCE S 11° 15' W, within the John Davenport Survey, 40.00 chains to corner 27 of Tract K-1a-VI;**

**THENCE S 78° 30' E, common to the George English Survey, A-392, and the John Davenport Survey, 20.00 chains to corner 28 of Tract K-1a-VI, a Forest Service standard concrete post marked K-320;**

**THENCE across Tract K-1a-VI, within the I. & G.N.R.R. Co. Survey No. 19, A-590, and common to the southern boundary of Tract K-1a-VI Parcel #2, a calculated bearing and distance of N 75° 36' 26" E, 71.38 chains to corner 53 of Tract K-1a-VI, the beginning corner of the Charles Stokes Survey, A-994, the sixth corner of the I. & G.N.R.R.Co. Survey No. 19, the fourth corner of the Charles Stokes Survey, A-993, and the fourth corner of the W. J. Garrison Survey, A-470;**

**THENCE S 60° 30' E, common to the Charles Stokes Survey, A-993, and the W. J. Garrison Survey, 40.70 chains to corner 54 of Tract K-1a-VI, a Forest Service standard concrete post marked K-317;**

**THENCE S 30° 00' W, common in part to the Charles Stokes Survey, A-993, and the I. & G. N.R.R. Co. Survey No. 19, and in part to the J. N. English Survey, A-1210, and the C. S. Gates Survey, A-1302-Houston County, A-775-Trinity County, 84.30 chains to corner 55 of Tract K-1a-VI, a Forest Service standard concrete post marked K-318;**

**THENCE N 89° 15' W, common in part to the Heirs of James English Survey, A-393-Houston Co., A-199-Trinity County, and within the I. & G. N.R.R. Co. Survey No.19, 19.30 chains to corner 56 of Tract K-1a-VI;**

**THENCE N 59° 15' W, common to the I. & G. N.R.R. Co. Survey No. 19 and the G. W. Smitherman Survey, A-1292, 57.90 chains to corner 57 of Tract K-1a-VI;**

**THENCE N 31° 00' E, common to the I. & G. N.R.R. Co. Survey No. 19, 8.10 chains to corner 58 of Tract K-1a-VI;**

**THENCE N 79° 00' W, common to the George English Survey, A-392, 5.70 chains to corner 59 of Tract K-1a-VI;**

**THENCE S 00° 45' W, common to the John Odell Survey, A-802, 7.60 chains to corner 60 of Tract K-1a-VI, a Forest Service standard concrete post marked K-275;**

**THENCE two lines common to the John B. Odell and G. W. Smitherman Surveys:**

**S 00° 30' E, 26.90 chains to corner 61 of Tract K-1a-VI;**

**S 89° 45' W, 33.50 chains to corner 62 of Tract K-1a-VI;**

**THENCE two lines common to the John B. Odell Survey and Stephen English Survey, A-383:**

**N 01° 45' E, 21.70 chains to corner 63 of Tract K-1a-VI;**

**N 86° 00' W, 8.80 chains to corner 64 of Tract K-1a-VI;**

**THENCE N 88° 00' W, common to the I. & G. N.R.R. Co. Survey No. 34 and the Stephen English Survey, 32.90 chains to corner 65 of Tract K-1a-VI;**

**THENCE S 01° 15' W, common to the I. & G. N.R.R. Co. Survey No. 34 and the Stephen English Survey, 30.90 chains to corner 66 of Tract K-1a-VI;**

**THENCE three lines within the I. & G. N.R.R. Co. Survey No. 34:**

**West, 5.00 chains to corner 67 of Tract K-1a-VI;  
S 01° 00' W, 5.50 chains to corner 68 of Tract K-1a-VI;  
S 89° 45' E, 5.00 chains to corner 69 of Tract K-1a-VI;**

**THENCE S 01° 00' W, common in part to the I. & G. N.R.R. Co. Survey No. 34 and No. 35 and to the Stephen English Survey, 39.00 chains to corner 70 of Tract K-1a-VI;**

**THENCE S 89° 00' E, common to the I. & G. N.R.R. Co. Survey No. 35 and the Stephen English Survey, 41.30 chains to corner 71 of Tract K-1a-VI, a Forest Service standard concrete post marked K-303;**

**THENCE North, common to the I. & G. N.R.R. Co. Survey No. 35 and the Stephen English Survey, 37.10 chains to corner 72;**

**THENCE N 89° 00' E, common to the I. & G. N.R.R. Co. Survey No. 35 and the G. W. Smitherman Survey, 31.30 chains to corner 73 of Tract K-1a-VI;**

**THENCE S 00° 30' W, common to the I. & G. N.R.R. Co. Survey No. 35 and the G. W. Smitherman Survey, and the W. P. English Survey, A-1324-Houston County and A-812-Trinity County, 41.80 chains to corner 74 of Tract K-1a-VI;**

**THENCE S 51° 30' W, common to the I. & G. N.R.R. Co. Survey No. 35 and in part to the W. P. English Survey and the Sam F. Kenley Survey, A-882, 98.10 chains to the place of beginning containing 2,504.41 acres of land, be the same more or less, there being approximately 2.50 acres in Trinity County and 2,501.91 acres in Houston County.**



**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-VI PARCEL #2  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON AND TRINITY COUNTIES, TEXAS  
1,559.22 ACRES**

All that certain tract or parcel of land lying and being in Houston and Trinity Counties, Texas, on the waters of the Neches River, embracing in whole or in part the following patented Surveys: I. & G.N.R.R. Co. No. 19, A-590, dated November 23, 1876; Charles Stokes, A-994, dated March 8, 1876; Z. W. Burnett, A-232, dated October 29, 1875; William Tankersley, A-1042, dated October 8, 1859; John Bethea, A-152-Houston County and A-74-Trinity County, dated July 24, 1871; and Heirs of George G. Alford, A-127, dated September 1, 1857, identified herein as Tract K-1a-VI Parcel #2. Tract K-1a-VI Parcel #2 contains 1,559.22 acres, more or less, with 1,286.72 acres being in Houston County, and 272.50 acres being in Trinity County and is described as follows for mineral leasing purposes. Tract K-1a-VI was acquired from Houston County Timber Company by deed dated September 24, 1935 and recorded in Volume 171, Page 442 et seq., Deed Records of Houston County, Texas and Volume 83, Pages 285-309, Deed Records of Trinity County, Texas.

**BEGINNING** at corner 28 of USFS Tract K-1a-VI, the second corner of the I. & G.N.R.R. Co. Survey No. 19, A-590, and the third corner of the John Davenport Survey, A-331, a Forest Service standard concrete post marked K-320;

**THENCE** N 11° 00' E, common to the I. & G.N.R.R. Co. Survey No. 19, and the John Davenport Survey, 41.40 chains to corner 29 of Tract K-1a-VI;

**THENCE** five lines within the Z. W. Burnett Survey, A-232:

N 30° 15' E, 22.00 chains to corner 30 of Tract K-1a-VI;

N 10° 45' W, 8.90 chains to corner 31 of Tract K-1a-VI,  
a point in a road;

N 80° 00' E, 18.00 chains to corner 32 of Tract K-1a-VI;

N 09° 30' W, 5.00 chains to corner 33 of Tract K-1a-VI;

N 58° 00' W, 10.80 chains to corner 34 of Tract K-1a-VI;

**THENCE** N 30° 45' E, common to the Z. W. Burnett Survey and the William E. Millen Survey, A-751, 5.10 chains to corner 35 of Tract K-1a-VI;



**THENCE S 59° 00' E, common to the Z. W. Burnett Survey and the S. R. Stubblefield Survey, A-1235, 31.70 chains to corner 36 of Tract K-1a-VI;**

**THENCE N 30° 00' E, common to the Charles Stokes Survey, A-994, and the S. R. Stubblefield Survey, 3.00 chains to corner 37 of Tract K-1a-VI;**

**THENCE two lines common to the William Tankersley and the S. R. Stubblefield Surveys:**

**N 58° 00' W, 17.30 chains to corner 38 of Tract K-1a-VI,  
a F.S. standard concrete post marked K319;  
N 33° 45' E, 17.70 chains to corner 39 of Tract K-1a-VI;**

**THENCE three lines within the William Tankersley Survey:**

**S 59° 15' E, 48.20 chains to corner 40 of Tract K-1a-VI;  
N 31° 00' E, 32.30 chains to corner 41 of Tract K-1a-VI;  
S 59° 15' E, 28.50 chains to corner 42 of Tract K-1a-VI;**

**THENCE N 30° 30' E, common to the John Bethea Survey, A-152-Houston County and A-74-Trinity County and the William Tankersley Survey, 10.30 chains to corner 43 of Tract K-1a-VI;**

**THENCE four lines within the John Bethea Survey:**

**S 59° 15' E, 16.80 chains to corner 44 of Tract K-1a-VI;  
S 31° 00' W, 21.90 chains to corner 45 of Tract K-1a-VI,  
a F.S. standard concrete post marked K-316;  
S 56° 15' E, 40.50 chains to corner 46 of Tract K-1a-VI;  
N 31° 00' E, 43.80 chains to corner 46a of Tract K-1a-VI;**

**THENCE S 54° 00' E, common to the John Bethea Survey and the Heirs of George G. Alford Survey, A-127, 0.60 chain to corner 46b of Tract K-1a-VI;**

**THENCE N 31° 30' E, within the Heirs of George G. Alford Survey, 81.30 chains to corner 47 of Tract K-1a-VI;**

**THENCE S 58° 45' E, common to the Heirs of George G. Alford Survey and the Wm. D. Harrison Survey, A-478, 21.70 chains to corner 48 of Tract K-1a-VI, a F.S. standard concrete post marked K-90;**

**THENCE S 29° 45' W, common to the Heirs of George G. Alford and the John Bethea Surveys, 80.90 chains to corner 49 of Tract K-1a-VI, a F.S. standard concrete post marked K-315;**

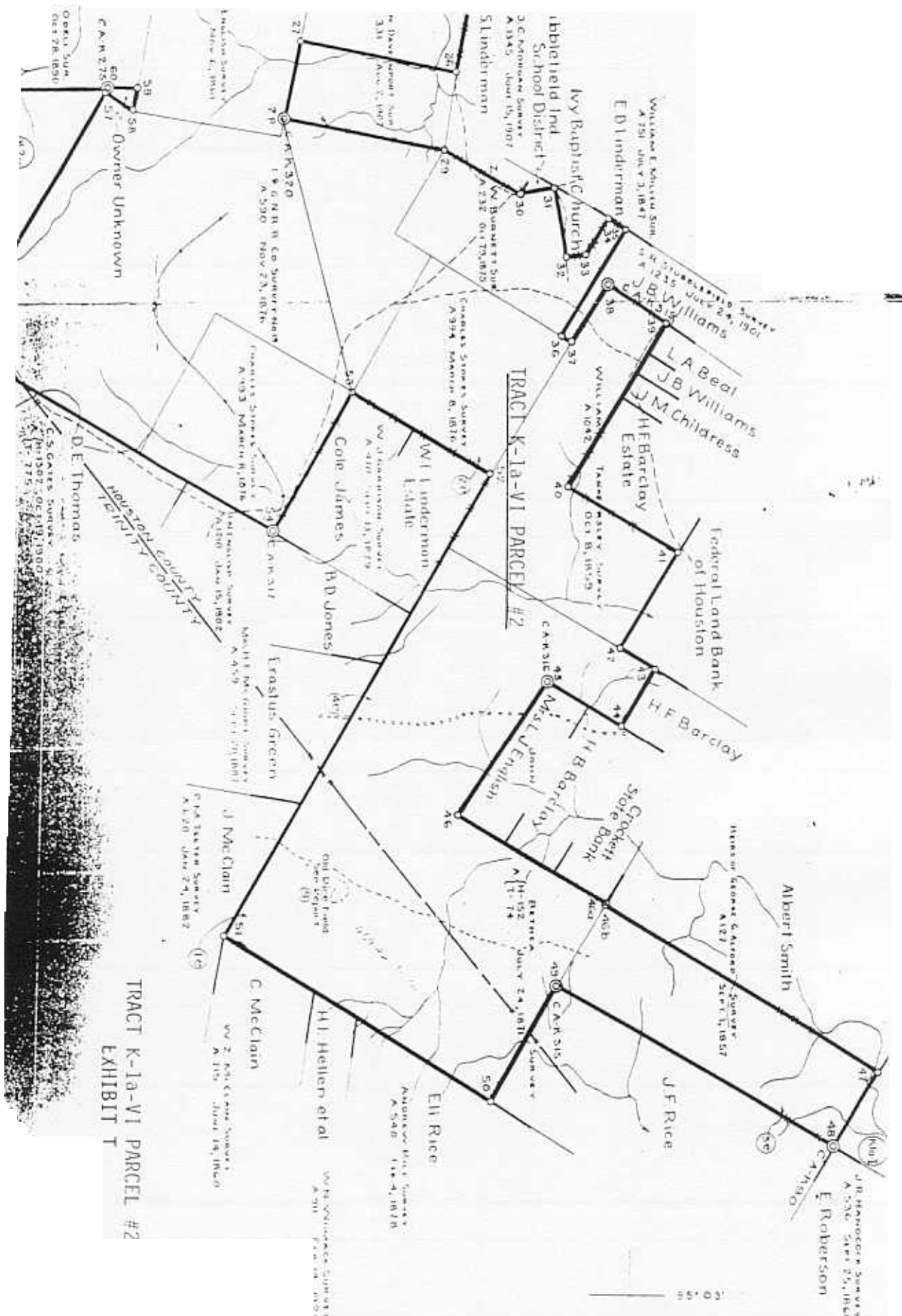
**THENCE S 60° 00' E, within the John Bethea Survey, at approximately 13.80 chains the Houston-Trinity County line, and at 33.70 chains corner 50 of Tract K-1a-VI;**

**THENCE S 32° 00' W, common to the John Bethea Survey and in part to the Andrew Rice Survey, A-540, the W. N. Womack Survey, A-911, and the W. Z. McClain Survey, A-715, 79.70 chains to corner 51 of Tract K-1a-VI;**

**THENCE N 60° 00' W, common in part to the John Bethea and William Tankersley Surveys and in part to the P. M. Teeter Survey, A-620, the Mrs. H. E. McGuire Survey, A-459, the J. N. English Survey, A-1210, and the W.J. Garrison Survey, A-470, 135.20 chains to corner 52 of Tract K-1a-VI;**

**THENCE a calculated bearing and distance of S 30° 57' 54" W, common to the W. J. Garrison Survey and the Charles Stokes Survey, A-994, 40.38 chains to corner 53 of Tract K-1a-VI;**

**THENCE across Tract K-1a-VI, within the I. & G.N.R.R. Co. Survey No. 19, A-590, and common to a northern boundary of Tract K-1a-VI Parcel #1, a calculated bearing and distance of S 75° 36' 26" W, 71.38 chains to the PLACE OF BEGINNING containing 1,559.22 acres of land, be the same more or less, there being approximately 272.50 acres in Trinity County and 1,286.72 acres in Houston County.**



**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1b-VI PARCEL #1  
DAVY CROCKETT NATIONAL FOREST  
HOUSTON COUNTY, TEXAS  
1,448.73 ACRES**

All that certain tract or parcel of land lying and being in Houston County, Texas, on the waters of the Neches River, embracing in whole or in part the following patented Surveys: A. M. Adair, A-124, dated January 4, 1875; James Duncan, A-344, dated November 21, 1861; J. S. Weeks, A-1104, dated January 25, 1877; Levi White, A-1068, dated January 7, 1878; Jacob Veittle, A-1056, dated April 27, 1871; and Marselino Salas, A-77, dated February 5, 1833, identified herein as Tract K-1b-VI Parcel #1. Tract K-1b-VI Parcel #1 contains 1,448.73 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1b-VI was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 172, Page 1, et seq., Deed Records, Houston County, Texas.

**BEGINNING** at corner 1 of USFS Tract K-1b-VI, the seventeenth corner of the A. M. Adair Survey, A-124, and the J. W. Manning Survey, A-780;

**THENCE** N 45° 50' E, common to the A. M. Adair Survey and the W. D. F. Adams Survey, A-109, 18.10 chains to corner 2 of Tract K-1b-VI;

**THENCE** N 45° 00' W, common to the A. M. Adair and the W. D. F. Adams, 5.70 chains to corner 3 of Tract K-1b-VI;

**THENCE** four lines within the A. M. Adair Survey:

**N 43° 40' E, 16.50 chains to corner 4 of Tract K-1b-VI;**

**N 45° 00' W, 27.50 chains to corner 5 of Tract K-1b-VI;**

**N 44° 45' E, 17.30 chains to corner 6 of Tract K-1b-VI;**

**N 45° 45' W, 29.80 chains to corner 7 of Tract K-1b-VI;**

**THENCE** N 39° 50' W, common to the A. M. Adair Survey and the Joel W. Stowe Survey, A-921, 4.85 chains to corner 8 of Tract K-1b-VI;

**THENCE East, common to the A. M. Adair Survey and the James Saunders Survey, A-907, 59.90 chains to corner 9 of Tract K-1b-VI, a Forest Service standard concrete post marked K-151;**

**THENCE N 00° 30' E, common to the James Saunders Survey and in part to the James Duncan Survey, A-344, the Levi W. White Survey, A-1068, and the Jacob Veittle Survey, A-1056, 103.50 chains to corner 10 of Tract K-1b-VI, a F.S. standard concrete post marked K-124;**

**THENCE N 89° 15' W, common to the Jacob Veittle and the James Saunders Surveys, 38.70 chains to corner 11 of Tract K-1b-VI;**

**THENCE N 00° 30' E, within the Jacob Veittle Survey, 15.80 chains to corner 12 of Tract K-1b-VI;**

**THENCE East, common to the Jacob Veittle Survey and the Marselino Salas Survey, A-77, 68.00 chains to corner 13 of Tract K-1b-VI;**

**THENCE two lines within the Marselino Salas Survey:**

**N 38° 15' W, 28.00 chains to corner 14 of Tract K-1b-VI;**

**S 89° 30' E, 55.50 chains to corner 15 of Tract K-1b-VI;**

**THENCE S 37° 00' E, common to the Marselino Salas Survey and the William P. Davis Survey, A-28, 26.60 chains to corner 16 of Tract K-1b-VI, a F.S. standard concrete post marked K-101;**

**THENCE West, common to the Marselino Salas Survey and the Nat Patton Survey, A-1372, 42.80 chains to corner 17 of Tract K-1b-VI;**

**THENCE S 01° 30' W, common to the Jacob Veittle Survey and the Nat Patton Survey, 9.30 chains to corner 18 of Tract K-1b-VI;**

**THENCE S 89° 15' E, common to the Levi White Survey and the Nat Patton Survey, 21.80 chains to corner 19 of Tract K-1b-VI;**

**THENCE S 00° 15' W, within the Levi White Survey, 42.50 chains to corner 20 of Tract K-1b-VI;**

**THENCE East, common to the Levi White Survey and the J. S. Weeks Survey, A-1104, 23.00 chains to corner 21 of Tract K-1b-VI;**

**THENCE S 01° 00' W, common to the J. S. Weeks and the William P. Davis Surveys, 3.00 chains to corner 22 of Tract K-1b-VI, a F.S. standard concrete post marked K-111;**

**THENCE across Tract K-1b-VI, common to the J. S. Weeks and the William P. Davis Surveys and common to the western boundary of Tract K-1b-VI Parcel #2, a calculated bearing and distance of S 00° 10' 53" E, 38.62 chains to corner 33 of Tract K-1a-IV, the fourth corner of the J. S. Weeks Survey and the second corner of the Brown Wright Survey, A-1273;**

**THENCE S 89° 15' W, common to the J. S. Weeks and the Brown Wright Surveys, 37.80 chains to corner 34 of Tract K-1b-VI;**

**THENCE S 00° 45' W, common to the Brown Wright Survey and in part to the James Duncan Survey, A-344, and the A. M. Adair Survey, 43.40 chains to corner 35 of Tract K-1b-VI;**

**THENCE S 63° 30' E, common to the Van Benton Survey, A-1176, and the A. M. Adair Survey, 1.74 chains to corner 36 of Tract K-1b-VI;**

**THENCE S 43° 50' W, common to the E. Norred Survey, A-794, and the A. M. Adair Survey, 40.00 chains to corner 37 of Tract K-1b-VI;**

**THENCE N 45° 40' W, common to the Lewis Hall Survey, A-562, and the A. M. Adair Survey, 28.70 chains to corner 38 of Tract K-1b-VI;**

**THENCE S 45° 00' W, common to the Lewis Hall and the A. M. Adair Surveys, 38.10 chains to corner 39 of Tract K-1b-VI;**

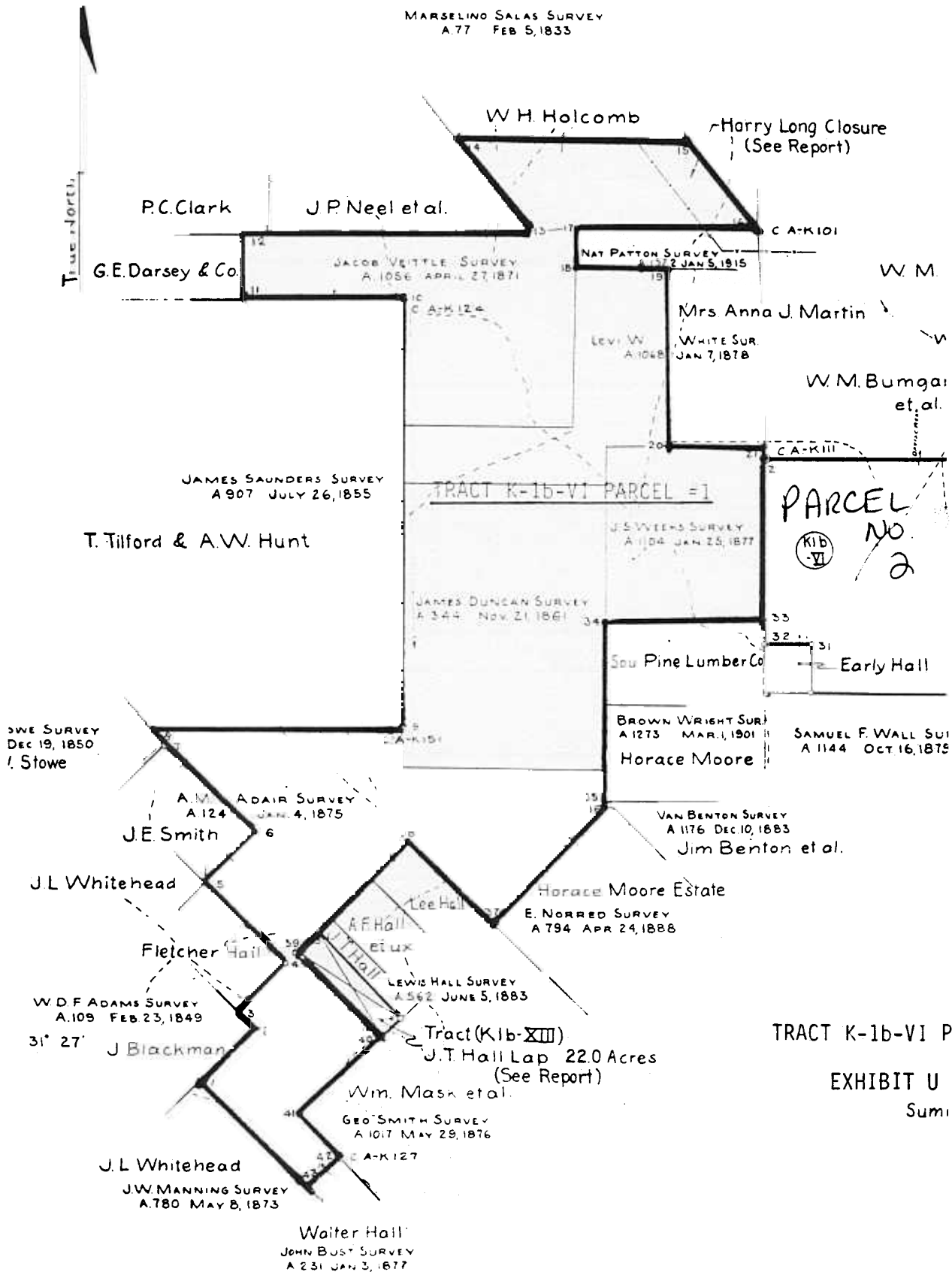
**THENCE S 44° 45' E, common to the Lewis Hall and the A. M. Adair Surveys, 28.70 chains to corner 40 of Tract K-1b-VI;**

**THENCE two lines common to the A. M. Adair Survey and the George Smith Survey, A-1017:**

**S 46° 15' W, 26.50 chains to corner 41 of Tract K-1b-VI;  
S 43° 00' E, 13.80 chains to corner 42 of Tract K-1b-VI,  
a F.S. standard concrete post marked K-127;**

**THENCE S 45° 00' W, common to the A. M. Adair Survey and John Bust Survey, A-231, 10.30 chains to corner 43 of Tract K-1b-VI;**

**THENCE N 45° 40' W, common to the A. M. Adair Survey and J. W. Manning Survey, A-780, 36.20 chains to the PLACE OF BEGINNING containing a called 1,448.73 acres of land, be the same more or less.**



TRACT K-1b-VI PARCEL #1

EXHIBIT U  
Sumi



**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-1a-I PARCEL #1  
DAVY CROCKETT NATIONAL FOREST  
TRINITY COUNTY, TEXAS  
2,032.48 ACRES**

All that certain tract or parcel of land lying and being in Trinity County, Texas, on the waters of Cochino Bayou, a tributary of the Neches River, embracing in part the Alexander Henry patented Survey, A-822, dated August 30, 1847, and the Jacob Buhlman patented Survey, A-81, dated July 3, 1847, identified herein as Tract K-1a-I Parcel #1. Tract K-1a-I Parcel #1 contains 2,032.48 acres, more or less, and is described as follows for mineral leasing purposes. Tract K-1a-I was acquired from Houston County Timber Company by deed dated July 1, 1935 and recorded in Volume 83, Page 31-44, Deed Records of Trinity County, Texas.

**BEGINNING** at corner 1 of USFS Tract K-1a-I, the third corner of the Jacob Buhlman Survey, A-81, and the beginning corner of the Abigail Jackson Survey, A-373, a Forest Service standard concrete post marked K-68;

**THENCE** N 80° 06' 55" W, with the south boundary line of the Jacob Buhlman Survey, 5,237.49 feet intersect the eastern boundary line of the Alexander Henry Survey, A-822, also being corner 2 of Tract K-1a-I, a F.S. standard concrete post marked K-69;

**THENCE** S 09° 40' 03" W, with the eastern boundary line of said Henry Survey and common to the R.H. Simmons Survey, A-729, 1,119.79 feet to corner 3 of Tract K-1a-I;

**THENCE** three lines within the Alexander Henry Survey:

N 79° 41' 59" W, 1,295.85 feet to a point for corner of Tract K-1a-I Parcel #1;

N 79° 55' 17" W, 2,438.99 feet to corner 4 of Tract K-1a-I;

S 10° 40' 17" W, 3,245.19 feet to corner 5 of Tract K-1a-I;

**THENCE** N 80° 03' 37" W, with the south boundary line of the A. Henry Survey and common to the J. A. Sepulveda Survey, A-40, 553.63 feet to a point for corner of Tract K-1a-I Parcel #1;

**THENCE N 80°14'05" W, continuing with the south boundary line of A. Henry Survey and common to the J. A. Sepulveda Survey, 1,472.70 feet to a point for corner of Tract K-1a-I Parcel #1;**

**THENCE N 80° 15' 12" W, continuing with the south boundary line of the A. Henry Survey and common to the J. A. Sepulveda Survey, 4,308.95 feet to a point for corner of Tract K-1a-I Parcel #1, said point being the southwest corner of the A. Henry Survey and the south east corner of the John Appleman Survey, A-816;**

**THENCE N 09° 30' 00" E, with the west boundary line of the A. Henry Survey and the east boundary line of the John Appleman Survey, at 6,127.40 feet intersect the most southern boundary line of Tract K-1a-I Parcel #2, a point for corner of Tract K-1a-I Parcel #1;**

**THENCE N 86° 17' 08" E, across Tract K-1a-I and within the A. Henry Survey and in part within the J. J. de los Reyes Survey, A-73, and being the southern boundary line of Tract K-1a-I Parcel #2, 10,337.18 feet to corner 47 of Tract K-1a-I, on the west boundary line of the Jacob Buhlman Survey, A-81;**

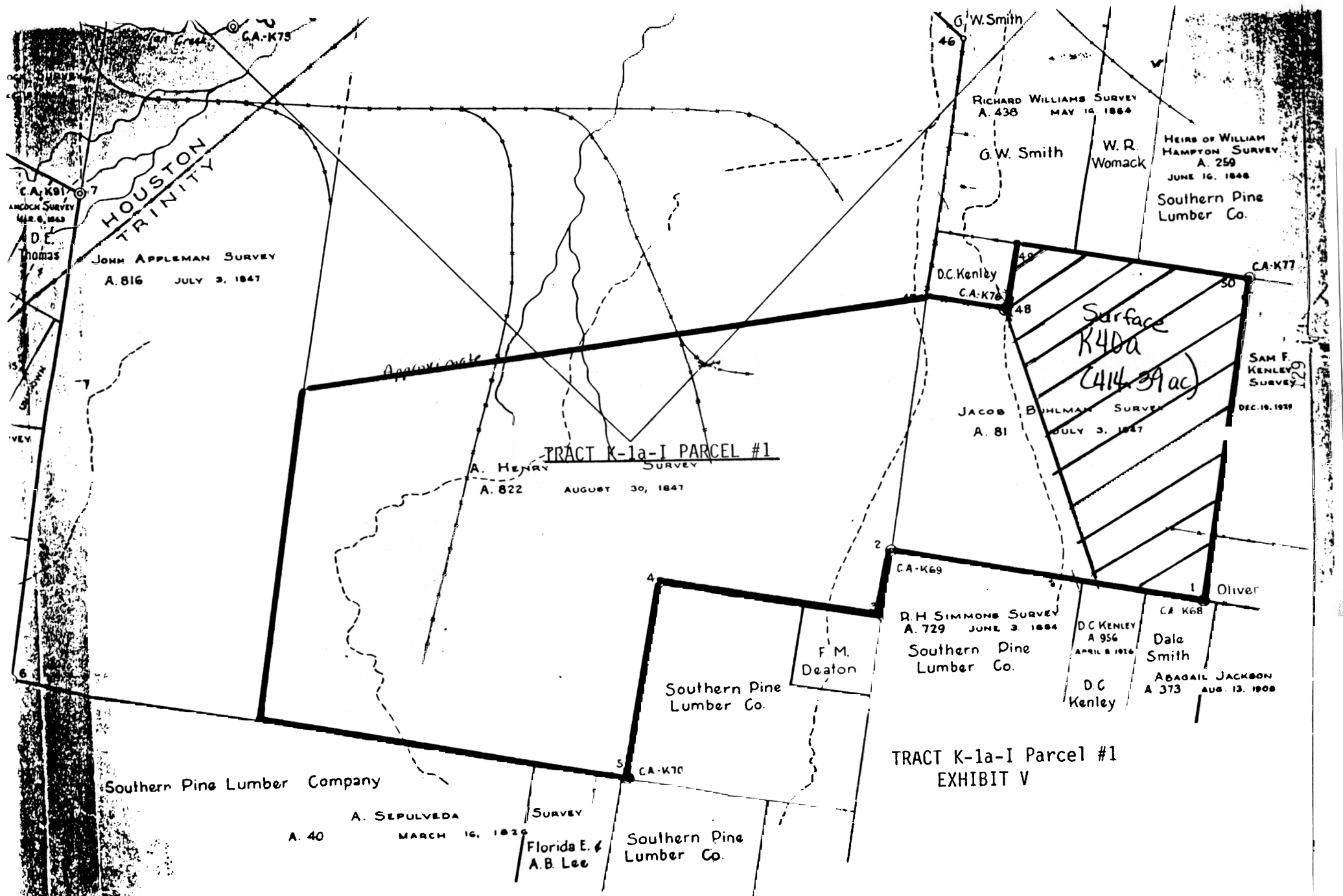
**THENCE S 80° within the Jacob Buhlman Survey, 1,346.49 feet to corner 48 of Tract K-1a-I, a F.S. standard concrete post marked K-76;**

**THENCE N 10° 49' 21" E, within the Jacob Buhlman Survey, 1,086.20 feet to corner 49 of Tract K-1a-I;**

**THENCE S 80° 42' 53" E, with the north boundary line of the Jacob Buhlman Survey and common in part to the R. Williams Survey, A-438, and the Heirs of William Hampton Survey, A-259, 3,918.89 feet to corner 50 of Tract K-1a-I, a F.S. standard concrete post marked K-77;**

**THENCE S 09°16'36" W, common to the Jacob Buhlman Survey and the Sam Kenley Survey, A-933, 4,258.62 feet to a point for corner of Tract K-1a-I Parcel #1, said point being the upper southwest corner of said Sam Kenley Survey;**

**THENCE S 09° 09' 38" W, common to the Jacob Buhlman Survey and in part with the Abigail Jackson Survey, 1,067.31 feet to the place of beginning containing 2,032.48 acres of land, more or less, subject to 414.39 surface-only acres, identified as Tract K-40a, exchanged to Temple-Inland Forest Products Corporation in Exchange Deed dated June 6, 1991 and recorded in Volume 505, Pages 172, et seq., Deed Records of Trinity County.**



**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-10f  
DAVY CROCKETT NATIONAL FOREST  
TRINITY COUNTY, TEXAS  
477.00 ACRES**

All that certain tract or parcel of land lying and being in Trinity County, Texas, on the waters of Alabama Creek, being Exception No. 1 of Forest Service Tract K-2a-I, embracing the entire Augustus W. Slawson patented Survey, A-548, dated January 16, 1861. Tract K-10f was acquired from C. H. Kenley by deed dated September 11, 1936 and recorded in Volume 88, Page 239, Deed Records of Trinity County, Texas, and is described as follows.

**BEGINNING** at corner 1, common to F.S. Tract K-2a-I, identical with the fourth corner of the Augustus W. Slawson Survey and the beginning corner of the I. & G.N.R.R. Co. Survey No. 6, dated November 1, 1877, a F.S. standard concrete post marked K-45. From this corner, corner 59 of Tract K-2a-I bears N 00° 30' W, 26.82 chains distant.

**THENCE** S 01° 30' E, common to the Felix W. Goff Survey, A-228, and the Philip Dixon Survey, A-179, 66.18 chains to corner 2 of Tract K-10f;

**THENCE** two lines, continuing with Tract K-2a-I, common to the Philip Dixon Survey:

West, 72.50 chains to corner 3 of Tract K-10f;  
N 02° 00' W, 66.07 chains to corner 4 of Tract K-10f;

**THENCE** S 89° 30' E, continuing with Tract K-2a-I and common to the I. & G.N.R.R. Co. Survey No. 6, 73.67 chains to the PLACE OF BEGINNING, containing 477.00 acres, more or less.

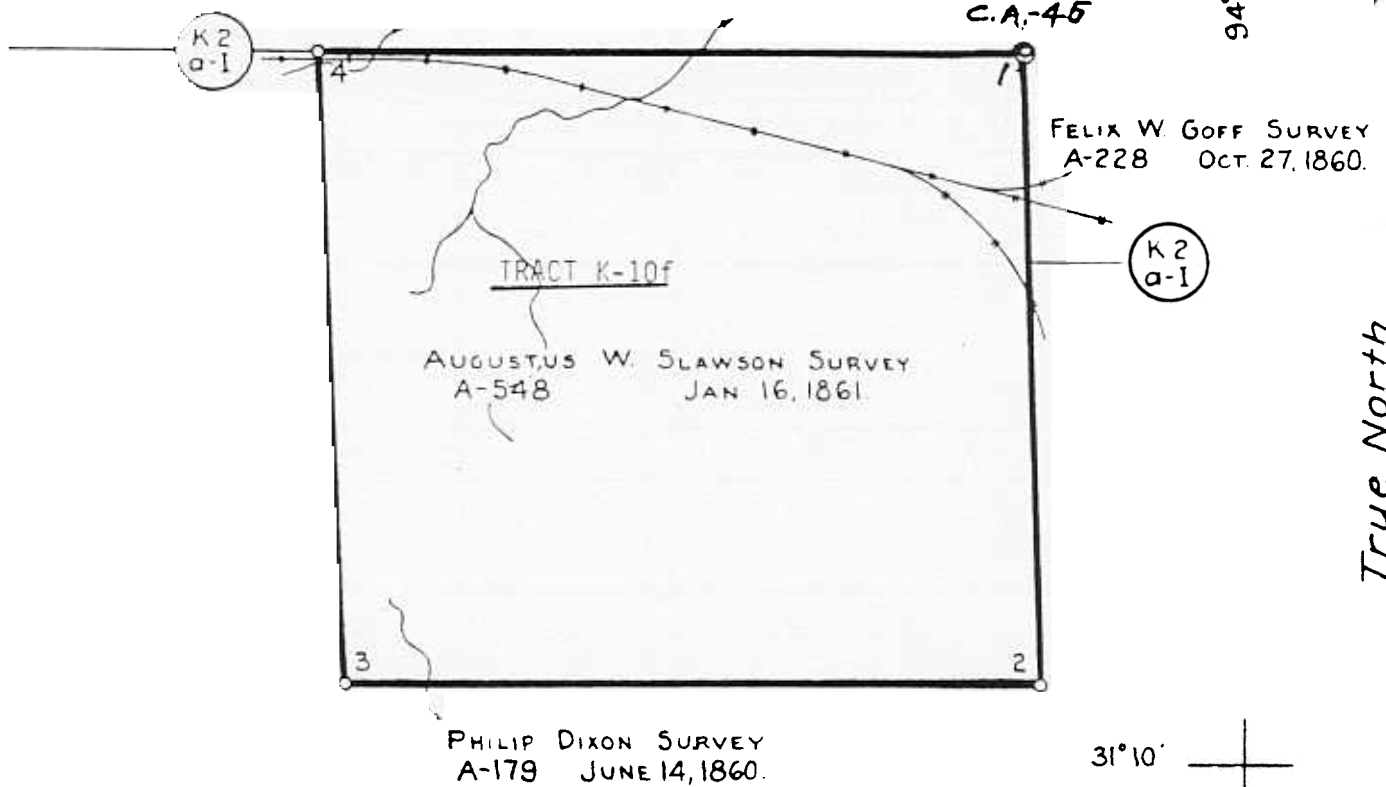
I. & G. N. R. R. Co. SURVEY No. 6  
A-348 Nov. 1, 1877.

31° 11'

94° 55'

N

True North



#### NOTE

For bearings and distances see description to which this map is attached and made a part of.

C. H. KENLEY TRACT  
(K10f)  
TRINITY COUNTY, TEXAS  
477 ACRES  
L.R.R. & L.M.K.-SUR.  
1935  
SCALE 1"=20 CHAINS

TRACT K-10f  
EXHIBIT W

**DESCRIPTION FOR MINERAL LEASING OF**  
**TRACT K-10g**  
**DAVY CROCKETT NATIONAL FOREST**  
**TRINITY COUNTY, TEXAS**  
**30.00 ACRES**

All that certain tract or parcel of land lying and being in Trinity County, Texas, on the waters of Alabama Creek, a tributary of Neches River, embracing in part the James Thomason patented Survey, A-594, dated September 29, 1862. Tract K-10g was acquired from C. H. Kenley by deed dated September 11, 1936 and recorded in Volume 88, Page 239, Deed Records of Trinity County, Texas, and is described as follows.

**BEGINNING** at corner 1, common to Forest Service Tract K-2-I, on the south line of the James Thomason Survey, A-594, and a north line of the I. & G.N.R.R. Co. Survey No. 3, A-347. From this corner, corner 41 of Tract K-2-I, a F.S. standard concrete post marked K-152, bears West, 27.40 chains distant;

**THENCE** three lines within the James Thomason Survey:

N 00° 15' E, 11.40 chains to corner 2 of Tract K-10g,  
on the southeasterly line of an abandoned railroad right-of-way;

N 58° 00' E, with F.S. Tract K-2Ap and K-2-I,  
common to the southeasterly line of an abandoned  
railroad right-of-way, 20.80 chains to corner 3 of Tract K-10g;

S 00° 15' E, 22.20 chains to corner 4 of Tract K-10g;

**THENCE** West, common to the James Thomason and I. & G.N.R.R. Co. No. 3 Surveys, 18.00 chains to the **PLACE OF BEGINNING**, containing 30.00 acres, be the same more or less.

**DESCRIPTION FOR MINERAL LEASING OF  
TRACT K-702  
DAVY CROCKETT NATIONAL FOREST  
TRINITY COUNTY, TEXAS  
3.64 ACRES**

All that certain tract or parcel of land lying entirely within the James Thomason Survey, A-594, dated September 29, 1862. Tract K-702 was acquired from Matt Kendrick and wife, Mamie Kendrick, and G. D. Rothrock, and wife, Allie Rothrock, by deed dated June 5, 1967 and recorded in Volume 182, Page 387, Deed Records of Trinity County, Texas, and described as follows:

**BEGINNING** at corner 1, identical with corner 38 of U.S. Forest Service Tract K-2-I;

**THENCE** N 88° 56' E, 6.51 chains to corner 2 of Tract K-702, identical with corner 37 of Tract K-2-I;

**THENCE** S 25° 04' E, 2.92 chains to corner 3 of Tract K-702, identical with corner 2 of Tract K-2Ap, a stake on the northwesterly line of an abandoned railroad right-of-way;

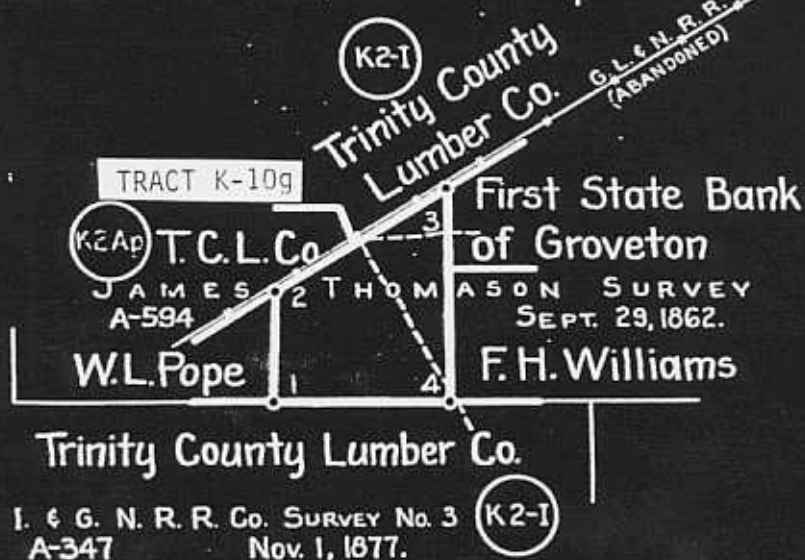
**THENCE** S 58° 28' W, along the northwesterly line of the abandoned right-of-way, 8.94 chains to corner 4 of Tract K-702;

**THENCE** N 01° 04' W, 7.19 chains to the **PLACE OF BEGINNING**, containing 3.64 acres, more or less.

31°10' 95°01'

95°00' 31°10'

N  
True North



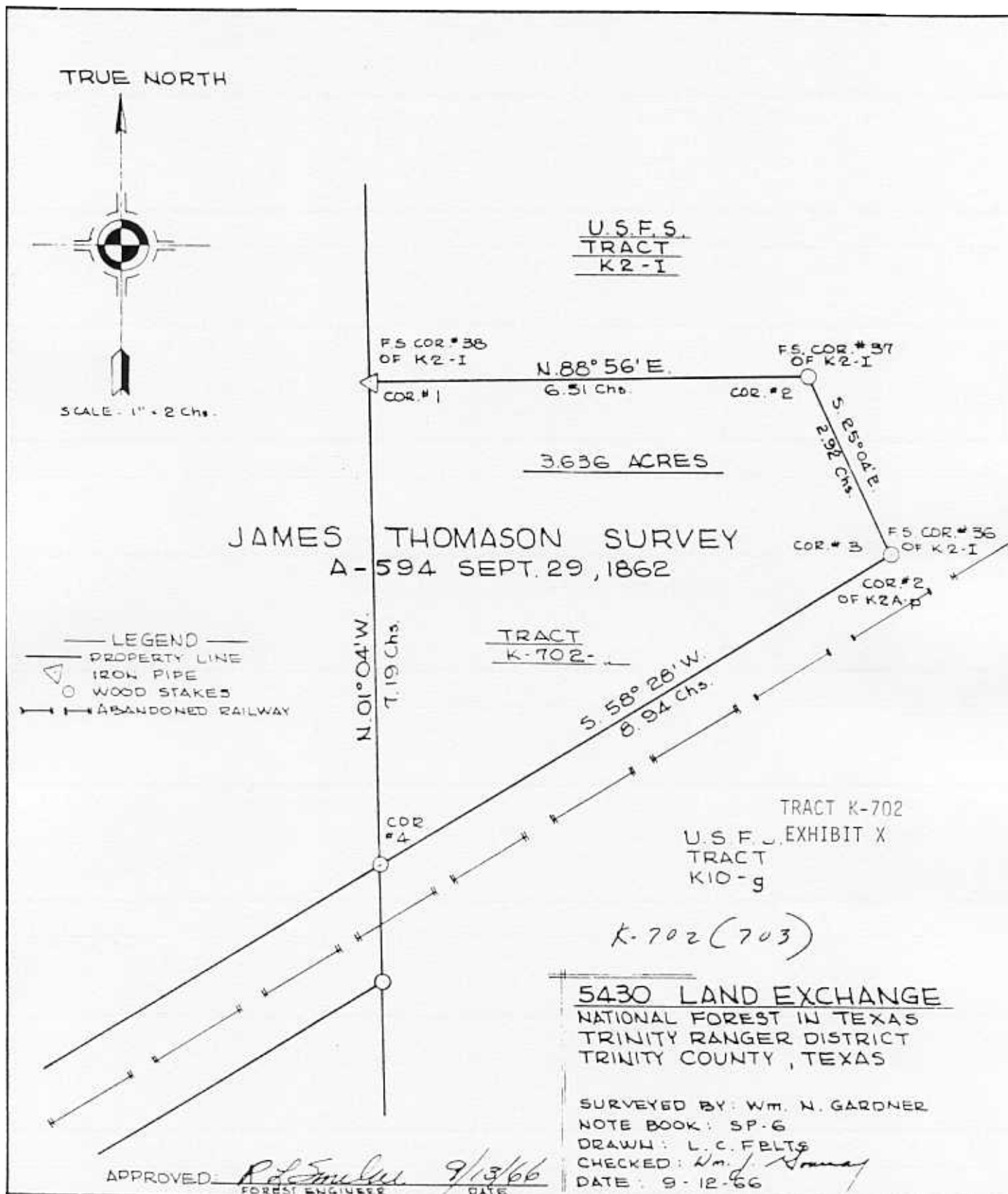
**NOTE:**

For bearings and distances see description to which this map is attached and made a part of.

**C. H. KENLEY TRACT  
(K10g)  
TRINITY COUNTY, TEXAS.  
30 ACRES  
L.M.K.-SUR.  
1935  
SCALE: 1"=20 CHAINS**

TRACT K-10g  
EXHIBIT X





**FLOODPLAIN PROTECTION STIPULATION**  
**CONTROLLED SURFACE USE**

**All or portions of the lands under this lease lie in and/or adjacent to a major watercourse and are subject to periodic flooding. Surface occupancy of these areas will not be allowed without specific approval, in writing, of the Bureau of Land Management.**

**For the following described land(s):**

**Any changes in this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes.**

**Bureau of Land Management  
Oklahoma Field Office**

**ORA-1  
November 1991**

**WETLAND/RIPARIAN STIPULATION**  
**CONTROLLED SURFACE USE**

All or portions of the lands under this lease contain wetland and/or riparian areas. Surface occupancy of these areas will not be allowed without the specific approval, in writing, of the Bureau of Land Management. Impacts or disturbance to wetlands and riparian habitats which occur on this lease must be avoided, or mitigated. The mitigation shall be developed during the application for permit to drill process.

For the following described land(s):

Any changes in this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes.

Bureau of Land Management  
Oklahoma Field Office

ORA-2  
November 1991

**SEASON OF USE STIPULATION**

Surface occupancy of this lease will not be allowed from February 15 to May 15, as well as all applicable hunting seasons without the specific approval, in writing, from the authorized officer of the Bureau of Land Management. This stipulation does not apply to operation and maintenance of production facilities.

One the land(s) described below:

For the Purpose of: Wildlife seasonal use requirements or recreation use conflicts with drilling activities.

Any changes in this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes.

Bureau of Land Management  
Oklahoma Field Office

ORA-3  
November 1991

**LEASE NOTICE**  
**THREATENED AND ENDANGERED SPECIES**

According to preliminary information all or portions of this lease area could contain Federal and/or State-listed threatened or endangered species and/or their habitats. Any proposed surface disturbing activity may require an inventory and consultation with the U.S. Fish and Wildlife Service and/or the State Wildlife agency. The consultation could take up to 180 days to complete. Surface occupancy could be restricted or not allowed as a result of the consultation. Appropriate modifications of the imposed restrictions will be made for the maintenance and operations of producing oil and gas wells.

Bureau of Land Management  
Oklahoma Field Office

ORA(LN-1)  
November 1991

NM-8

**LEASE NOTICE**  
**COAL PROTECTION**

**Federal coal resources exist on this lease. Operations authorized by this lease may be altered or modified by the authorized officer (at the address shown below) in order to conserve and protect the mineral resources and provide for simultaneous operations.**

**Address:**

**Tulsa Field Office  
Ste. 101, 7906 E 33<sup>Rd</sup> St  
Tulsa, OK 74145  
(918) 621-4100**

**Bureau of Land Management  
New Mexico State Office**

**NM-8  
April 2, 1991**

**RP-3(NSO)**

**STIPULATION**  
**CULTURAL RESOURCES AND AVIATION FACILITIES**  
**(No Surface Occupancy)**

**No occupancy or other activity on the surface of the following described lands is allowed in order to protect cultural resources and aviation facilities:**

**Bureau of Land Management  
Albuquerque Field Office**

**RP-3**

**STIPULATION FOR LANDS OF THE NATIONAL FOREST SYSTEM**  
**UNDER JURISDICTION OF**  
**DEPARTMENT OF AGRICULTURE**

The permittee/lessee must comply with all the rules and regulations of the Secretary of Agriculture set forth at Title 36, Chapter II, of the Code of Federal Regulations governing the use and management of the National Forest System (NFS) when not inconsistent with the rights granted by the Secretary of the Interior in the permit. The Secretary of Agriculture's rules and regulations must be complied with for (1) all use and occupancy of the NFS prior to approval of an exploration plan by the Secretary of the Interior, (2) uses of all existing improvements, such as Forest development roads, within and outside the area permitted by the Secretary of the Interior, and (3) use and occupancy of the NFS not authorized by an exploration plan approved by the Secretary of the Interior.

All matters related to this stipulation are to be addressed

To : Forest Supervisor  
                     Carson National Forest  
 At : 208 Cruz Alta Road  
                     Taos, NM 87571  
 Telephone No. : (505) 758-6200

Who is the authorized representative of the Secretary of Agriculture.



### **LEASE NOTICE**

#### **A. THREATENED, ENDANGERED, OR SENSITIVE SPECIES HABITAT**

The lessee is advised that the lease areas may contain essential habitat for threatened, endangered, or sensitive species. The leased lands will be examined, at lessee expense, prior to undertaking any surface disturbing activities on lands covered by this lease to determine effects on any plant or animal species so designated. These examinations will be initiated after any ground-disturbing activity is proposed.

In accordance with Section 6 of the Lease Terms in order to comply with the Endangered Species Act, the lessee may be required to conduct an examination of the land, including access routes, to be affected by the proposed action to determine if any such species is present or may be affected. This examination must be conducted under the supervision of the surface management agency. The examination may delay the implementation of the proposed action because biological surveys may be required during certain times of year. For example, Mexican spotted owl surveys may require two years of survey before activities may proceed. If the examination determines that the action may detrimentally affect a species, restrictions or denial of the proposal may result. The lessee will take such measures as may be required by the authorized officer to protect such species.

#### **B. CULTURAL RESOURCES SURVEYS**

The lessee is advised that the lease areas contain a high site density of cultural resources. Additional surveying will be required, at lessee expense, before any ground disturbance can be approved. These examinations will be initiated after any ground disturbing activity is proposed. Approval of activities that may effect cultural sites requires Forest Supervisor and State Historic Preservation Officer approval and could delay the implementation of proposed activities.

#### **C. REGION THREE CULTURAL RESOURCE MANAGEMENT**

The permittee, contractor, or lessee shall be responsible for the protection from damage of all identified cultural resources within the area which may be affected by their actions. In addition, the permittee, contractor, or lessee shall be liable for all damage or injury to the identified cultural resources caused by their actions.

The permitted, contractor, or lessee shall immediately notify the agency Project Administrator if any damage occurs to any cultural resource and immediately halt work in the area in which damage has occurred until authorized by the Project Administrator, after consultation with the Forest Archeologist, to proceed. All provisions of the Region 3 Cultural Resources Damage Assessment Handbook (FSH 2309.24, Chapter 40) are incorporated by reference herein.

**NO SURFACE OCCUPANCY STIPULATION-2**

**No surface occupancy or use is allowed on the lands described below:**

**Sec. 19: N2, except along the road corridors**

**Sec. 20: N2N2NW**

**See attached map for cumulative description of the following:**

- a. Slopes over 40%**
- b. Riparian areas.**
- c. Suitable Mexican spotted owl habitat.**
- d. Pockets of Douglas fir and Ponderosa pine.**
- e. Bald eagle roost areas.**

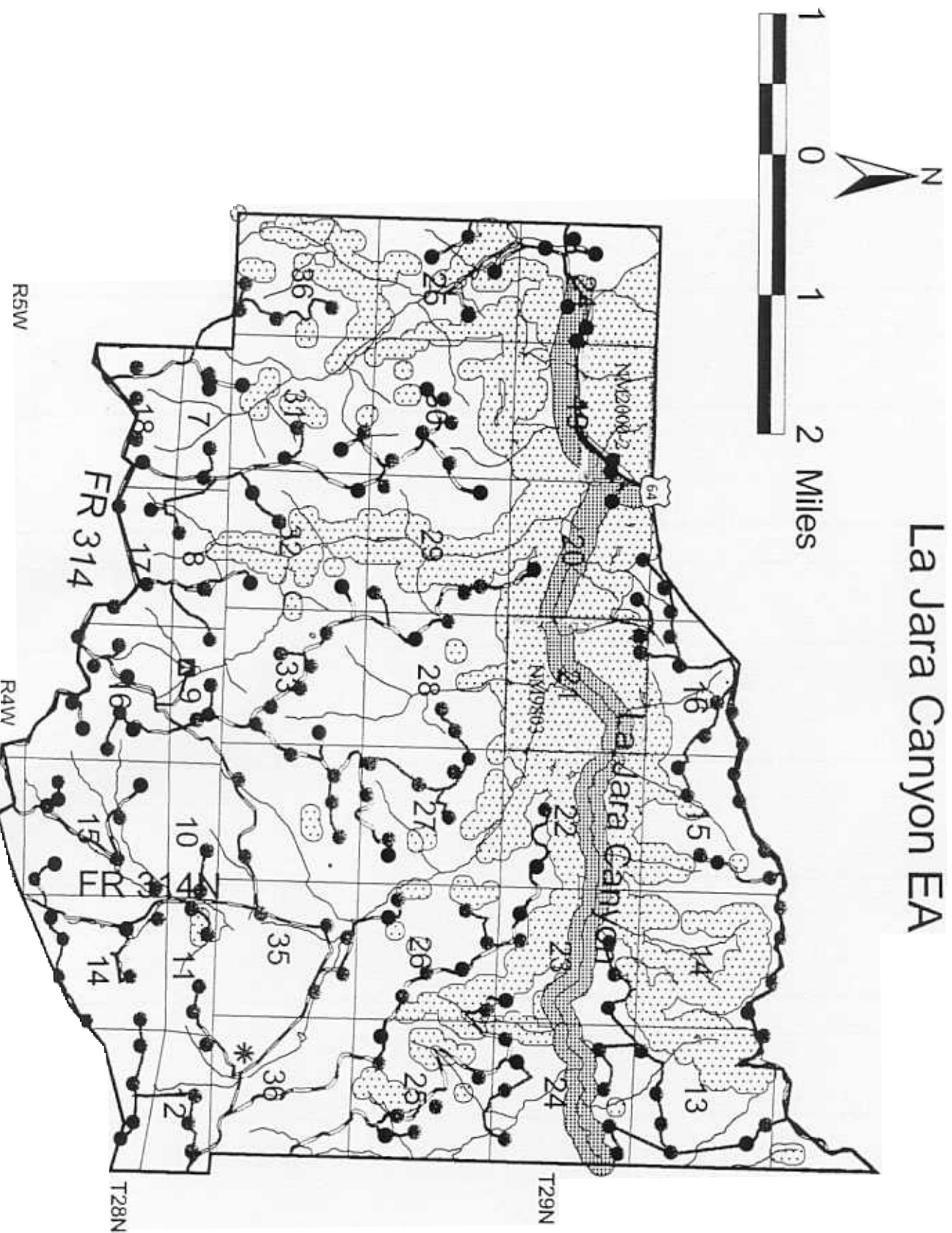
**For the purpose of:**

- a. Protection of steep slopes to avoid erosion and protect visual quality.**
- b. Protection of riparian resources to avoid sedimentation and contamination.**
- c. Protection of critical wildlife habitats.**

**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes.**

# Map 4

## ALTERNATIVE 2 LEASING WITH SURFACE STIPULATIONS La Jara Canyon EA



## Gas Facilities Alt. 2

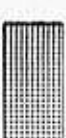

- Active Well 40
- Plugged Well 6
- Compressor 1
- \* Gasbuggy 1
- Possible Well 139

## Roads in the Analysis Area Alt.2

-  Gated 16 miles
-  Open 51 miles
-  Possible 21 miles

-  Analysis Area
-  Drainages

## Proposed Leases

-  No Surface Occupancy - Riparian Buffer
-  No Surface Occupancy - Steep Slope Buffer

**TIMING LIMITATION STIPULATION-3**

**No construction or drilling operations are allowed during the following time period(s):**

**November 1 - March 31**

**(This stipulation does not apply to daily operation and maintenance of production facilities.)**

**On the lands described below:**

**For the purpose of:**

- a. Protection of road conditions and prevention of erosion during wet soil conditions**
- b. Protections of wintering big game herds from disturbance during critical time of year.**
- c. Protection of wintering endangered species (bald eagle) from disturbance.**

**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes.**

**LEASE NOTICE**  
**POTENTIAL CAVE OR KARST OCCURRENCE AREA**

All or portion of the lease are located in a potential cave or karst occurrence area. Within this area, caves or karst features such as sinkholes, passages, and large rooms may be encountered from the surface to a depth of as much as 2,000 feet, within surface areas ranging from a few acres to hundreds of acres. Due to the sensitive nature of the cave or karst systems of this area, special protective measures may be developed during environmental analyses and be required as part of approvals for drilling or other operations on this lease. These measures could include: changes in drilling operations; special casing and cementing programs; modifications in surface activities; or other reasonable measures to mitigate impacts to cave or karst values. These measures may be imposed in accordance with 43 CFR 3101.1-2; 43 CFR 3162.5-1; Onshore Oil and Gas Order No. 1; and Section 6 of the lease terms.

**MAINTENANCE OF STATE WELL-SPACING REQUIREMENTS**  
**NO SURFACE OCCUPANCY STIPULATION**

No surface occupancy or use is allowed on the lands described below:

For the purpose of: The lease or portion of a lease for the area described above is issued for the sole purpose of assisting in the orderly development of the Federal mineral estate. This lease will be used to maintain state well-spacing requirements on the lands described above. This lease absolutely does not grant surface occupancy or use, and that requirement cannot be waived unless changes are made in a land use plan or plan amendment.

**SLOPES OR FRAGILE SOILS**

**Surface occupancy or use is subject to the following special operating constraints:**

**Surface disturbance will not be allowed on slopes over 30 percent. Exceptions will be considered for authorized mineral material extraction sites and designated OHV areas, for the installation of projects designed to enhance or protect renewable natural resources, or if a plan of operating and development which provides for adequate mitigation of impacts was approved by the Authorized Officer. Occupancy or use of fragile soils will be considered on a case-by-case basis.**

**For the purpose of: Protecting Slopes or Fragile Soils**

**Bureau of Land Management  
Roswell/Carlsbad Field Office**

**SENM-S-17  
December 1997**



**STREAMS, RIVERS, AND FLOODPLAINS**

**Surface occupancy or use is subject to the following special operating constraints:**

**Surface disturbance will not be allowed within up to 200 meters of the outer edge of 100-year floodplains, to protect the integrity of those floodplains. On a case-by-case basis, an exception to this requirement may be considered based on one or more of the criteria listed below. The first three criteria would not be applied in areas of identified critical or occupied habitat for federally listed threatened or endangered species.**

**--Additional development in areas with existing developments that have shown no adverse impacts to the riparian areas as determined by the Authorized Officer, following a case-by-case review at the time of permitting.**

**--Suitable off-site mitigation if habitat loss has been identified.**

**--An approved plan of operations ensures the protection of water or soil resources, or both.**

**--Installation of habitat, rangeland or recreation projects designed to enhance or protect renewable natural resources.**

**For the purpose of: Protecting Streams, Rivers and Floodplains**

**CAVES AND KARST**

**Surface occupancy or use is subject to the following special operating constraints:**

**Surface disturbance will not be allowed within up to 200 meters of known cave entrances, passages or aspects of significant caves, or significant karst features. Waiver of this requirement will be considered for projects that enhance or protect renewable natural resource values, or when an approved plan of operations ensures the protection of cave and karst resources.**

**For the purpose of: Protecting Caves and Karst Features**

**PRAIRIE CHICKENS**

No surface use is allowed during the following time periods; unless otherwise specified, this stipulation does not apply to the operation and maintenance of production facilities.

Drilling for oil and gas, and 3-D geophysical exploration operations will not be allowed in Lesser Prairie Chicken Habitat during the period of March 15 through June 15, each year. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 a.m. and 9:00 a.m.. The 3:00 a.m. and 9:00 a.m. restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during the period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise. Exceptions to these requirements will be considered for areas of no or low prairie chicken booming activity, or unoccupied habitat, including leks, as determined at the time of permitting, or in emergency situations.

For the purpose of: Protecting Prairie Chickens

Bureau of Land Management  
Roswell/Carlsbad Field Offices

SENM-S-22  
December 1997

**U. S. ARMY COE**  
**SPECIAL STIPULATIONS 1-A**  
**SARDIS LAKE**

- 1. This is a no surface occupancy lease.**
- 2. All oil and gas drilling and production operations shall be under the supervision of the District Manager, Bureau of Land Management (BLM), in accordance with 43 Code of Federal Regulations 3160.**
- 3. The Secretary of the Army or designee reserves the right to require cessation of operations if a national emergency arises or if the Army needs the leased property for a mission incompatible with lease operations. On approval from higher authority, the District Engineer will give notice of the required suspension. The lessee agrees to this condition and waives compensation for its exercise.**
- 4. If the District Engineer or his authorized representative discovers an imminent danger to safety or security which allows no time to consult the BLM, that person may order such activities stopped immediately. The District Manager, BLM, will be notified immediately, will review the order, and will determine the need for further remedial action.**
- 5. Lessee liability for damage to improvements shall include improvements of the Department of Defense. Lessee shall be liable for pollution and other damages, as a result of their operations, to Government-owned land and property and to the property of the Government's authorized surface user.**
- 6. Before beginning to drill, the lessee must consult with third parties authorized to use real estate in the lease area and must consider programs for which third parties have contractual responsibility.**
- 7. A license to conduct geophysical test on the leased area must be obtained separately from the District Engineer.**
- 8. That all rights under this lease are subordinate to the rights of the United States to flood and submerge the lands, permanently or intermittently, in connection with the operation and maintenance of the above-named project.**

9. That the United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the use and occupation of the said premises, or for damages to the property of the lessee, or for injuries to the person of the lessee's officers, agents, servants, or employees, or others who may be on said premises at their invitation or the invitation of any one of them arising from or incident to the flooding of the said premises by the Government or flooding from any other cause, or arising from or incident to any other governmental activities; and the lessee shall hold the United States harmless from any and all such claims.

10. That the work performed by the lessee on the lands shall be under the general supervision of the District Engineer, Corps of Engineers, in direct charge of the project, and subject to such conditions and regulations as may be prescribed by him, and the plans and locations for all structures, appurtenances thereto, and work on said lands shall be submitted to the said District Engineer for approval in advance of commencement of any work on said lands. The District Engineer shall have the right to enter on the premises, at any time, to inspect both the installation and operational activities of the lessee

11. That no structure or appurtenance thereto shall be of a material or construction determined to create floatable debris.

12. That the construction and operation of said structures and appurtenances thereto shall be of such a nature as not to cause pollution of the soils and the waters of the project.

13. That the United States reserves the right to use the land jointly with the lessee in connection with the construction, operation, and maintenance of the Government project and to place improvements thereon or to remove materials therefrom, including sand and gravel and other construction material, as may be necessary in connection with such work, and the lessee shall not interfere in any manner with such work or do any act which may increase the cost of performing such work. If the cost of the work performed on land outside the property included in the lease is made more expensive by reason of improvements constructed on the leased property by the lessee, the lessee shall pay to the United States money in the amount, as estimated by the Chief of Engineers, sufficient to compensate for the additional expense involved.

**14. All areas with 2,000 feet of any major structure, including but not limited to the dam, spillway, or embankment, are restricted areas. The lessee, his operators, agents, or employees shall not utilize the surface of restricted areas for any purpose. Drilling operations in, on, or under the restricted areas, including drilling outside of the restricted areas which would cause a bore hole to be under the restricted area, will not be permitted. The restricted areas are included in the lease for the sole purpose of becoming part of a drilling unit so that the United States will share in the royalty of the unit.**

**15. All existing or proposed public use areas, recreation areas, wildlife and waterfowl refuges, historical sites, and hiking and horseback trail areas may be leased for the sole purpose of becoming a part of a drilling unit. The lessee, his operators, agents, or employees will not use or enter upon the surface for any purpose. Directional drilling from non-public areas is permitted if not otherwise restricted.**

**16. All storage tanks and slush pits will be protected by dikes of sufficient capacity to protect the reservoir from pollution to Sardis Lake flood pool elevation 607.00 feet, National Geodetic Vertical Datum.**

**17. It is the responsibility of the lessee to identify and be aware of areas where entry is prohibited. There will be no surface or subsurface entry within 2,000 feet of the dam structure. A portion of the lease includes the Dam and Public Use Area, therefore, stipulations 14 and 15 are applicable. Stipulation 6 also applies to portions of the lease area.**

**18. The operator will immediately stop work and advise the District Engineer or his authorized representative if contamination is found in the operating area.**

**U. S. ARMY COE**  
**SPECIAL STIPULATIONS 1-A**  
**WISTER LAKE**

- 1. This is a no surface occupancy lease.**
- 2. All oil and gas drilling and production operations shall be under the supervision of the District Manager, Bureau of Land Management (BLM), in accordance with 43 Code of Federal Regulations 3160.**
- 3. The Secretary of the Army or designee reserves the right to require cessation of operations if a national emergency arises or if the Army needs the leased property for a mission incompatible with lease operations. On approval from higher authority, the District Engineer will give notice of the required suspension. The lessee agrees to this condition and waives compensation for its exercise.**
- 4. If the District Engineer or his authorized representative discovers an imminent danger to safety or security which allows no time to consult the BLM, that person may order such activities stopped immediately. The District Manager, BLM, will be notified immediately, will review the order, and will determine the need for further remedial action.**
- 5. Lessee liability for damage to improvements shall include improvements of the Department of Defense. Lessee shall be liable for pollution and other damages, as a result of their operations, to Government-owned land and property and to the property of the Government's authorized surface user.**
- 6. Before beginning to drill, the lessee must consult with third parties authorized to use real estate in the lease area and must consider programs for which third parties have contractual responsibility.**
- 7. A license to conduct geophysical test on the leased area must be obtained separately from the District Engineer.**
- 8. That all rights under this lease are subordinate to the rights of the United States to flood and submerge the lands, permanently or intermittently, in connection with the operation and maintenance of the above-named project.**

9. That the United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the use and occupation of the said premises, or for damages to the property of the lessee, or for injuries to the person of the lessee's officers, agents, servants, or employees, or others who may be on said premises at their invitation or the invitation of any one of them arising from or incident to the flooding of the said premises by the Government or flooding from any other cause, or arising from or incident to any other governmental activities; and the lessee shall hold the United States harmless from any and all such claims.

10. That the work performed by the lessee on the lands shall be under the general supervision of the District Engineer, Corps of Engineers, in direct charge of the project, and subject to such conditions and regulations as may be prescribed by him, and the plans and locations for all structures, appurtenances thereto, and work on said lands shall be submitted to the said District Engineer for approval in advance of commencement of any work on said lands. The District Engineer shall have the right to enter on the premises, at any time, to inspect both the installation and operational activities of the lessee.

11. That no structure or appurtenance thereto shall be of a material or construction determined to create floatable debris.

12. That the construction and operation of said structures and appurtenances thereto shall be of such a nature as not to cause pollution of the soils and the waters of the project.

13. That the United States reserves the right to use the land jointly with the lessee in connection with the construction, operation, and maintenance of the Government project and to place improvements thereon or to remove materials therefrom, including sand and gravel and other construction material, as may be necessary in connection with such work, and the lessee shall not interfere in any manner with such work or do any act which may increase the cost of performing such work. If the cost of the work performed on land outside property included in the lease is made more expensive by reason of improvements constructed on the leased property by the lessee, the lessee shall pay to the United States money in the amount, as estimated by the Chief of Engineers, sufficient to compensate for the additional expense involved.



**14. All areas with 2,000 feet of any major structure, including but not limited to the dam, spillway, or embankment, are restricted areas. The lessee, his operators, agents, or employees shall not utilize the surface of restricted areas for any purpose. Drilling operations in, on, or under the restricted areas, including drilling outside of the restricted areas which would cause a bore hole to be under the restricted area, will not be permitted. The restricted areas are included in the lease for the sole purpose of becoming part of a drilling unit so that the United States will share in the royalty of the unit.**

**15. All existing or proposed public use areas, recreation areas, wildlife and waterfowl refuges, historical sites, and hiking and horseback trail areas may be leased for the sole purpose of becoming a part of a drilling unit. The lessee, his operators, agents, or employees will not use or enter upon the surface for any purpose. Directional drilling from non-public areas is permitted if not otherwise restricted.**

**16. All storage tanks and slush pits will be protected by dikes of sufficient capacity to protect the reservoir from pollution to flood pool elevation 502.50 feet, for Wister Lake, National Geodetic Vertical Datum.**

**17. It is the responsibility of the lessee to identify and be aware of areas where entry is prohibited.**

**18. The operator will immediately stop work and advise the District Engineer or his authorized representative if contamination is found in the operating area.**

**U. S. ARMY COE**  
**SPECIAL STIPULATIONS 1-A**  
**CANTON LAKE**

- 1. This is a no surface occupancy lease.**
- 2. All oil and gas drilling and production operations shall be under the supervision of the District Manager, Bureau of Land Management (BLM), in accordance with 43 Code of Federal Regulations 3160.**
- 3. The Secretary of the Army or designee reserves the right to require cessation of operations if a national emergency arises or if the Army needs the leased property for a mission incompatible with lease operations. On approval from higher authority, the District Engineer will give notice of the required suspension. The lessee agrees to this condition and waives compensation for its exercise.**
- 4. If the District Engineer or his authorized representative discovers an imminent danger to safety or security which allows no time to consult the BLM, that person may order such activities stopped immediately. The District Manager, BLM, will be notified immediately, will review the order, and will determine the need for further remedial action.**
- 5. Lessee liability for damage to improvements shall include improvements of the Department of Defense. Lessee shall be liable for pollution and other damages, as a result of their operations, to Government-owned land and property and to the property of the Government's authorized surface user.**
- 6. Before beginning to drill, the lessee must consult with third parties authorized to use real estate in the lease area and must consider programs for which third parties have contractual responsibility.**
- 7. A license to conduct geophysical test on the leased area must be obtained separately from the District Engineer.**
- 8. That all rights under this lease are subordinate to the rights of the United States to flood and submerge the lands, permanently or intermittently, in connection with the operation and maintenance of the above-named project.**

9. That the United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the use and occupation of the said premises, or for damages to the property of the lessee, or for injuries to the person of the lessee's officers, agents, servants, or employees, or others who may be on said premises at their invitation or the invitation of any one of them arising from or incident to the flooding of the said premises by the Government or flooding from any other cause, or arising from or incident to any other governmental activities; and the lessee shall hold the United States harmless from any and all such claims.

10. That the work performed by the lessee on the lands shall be under the general supervision of the District Engineer, Corps of Engineers, in direct charge of the project, and subject to such conditions and regulations as may be prescribed by him, and the plans and locations for all structures, appurtenances thereto, and work on said lands shall be submitted to the said District Engineer for approval in advance of commencement of any work on said lands. The District Engineer shall have the right to enter on the premises, at any time, to inspect both the installation and operational activities of the lessee.

11. That no structure or appurtenance thereto shall be of a material or construction determined to create floatable debris.

12. That the construction and operation of said structures and appurtenances thereto shall be of such a nature as not to cause pollution of the soils and the waters of the project.

13. That the United States reserves the right to use the land jointly with the lessee in connection with the construction, operation, and maintenance of the Government project and to place improvements thereon or to remove materials therefrom, including sand and gravel and other construction material, as may be necessary in connection with such work, and the lessee shall not interfere in any manner with such work or do any act which may increase the cost of performing such work. If the cost of the work performed on land outside property included in the lease is made more expensive by reason of improvements constructed on the leased property by the lessee, the lessee shall pay to the United States money in the amount, as estimated by the Chief of Engineers, sufficient to compensate for the additional expense involved.

**14. All areas with 2,000 feet of any major structure, including but not limited to the dam, spillway, or embankment, are restricted areas. The lessee, his operators, agents, or employees shall not utilize the surface of restricted areas for any purpose. Drilling operations in, on, or under the restricted areas, including drilling outside of the restricted areas which would cause a bore hole to be under the restricted area, will not be permitted. The restricted areas are included in the lease for the sole purpose of becoming part of a drilling unit so that the United States will share in the royalty of the unit.**

**15. All existing or proposed public use areas, recreation areas, wildlife and waterfowl refuges, historical sites, and hiking and horseback trail areas may be leased for the sole purpose of becoming a part of a drilling unit. The lessee, his operators, agents, or employees will not use or enter upon the surface for any purpose. Directional drilling from non-public areas is permitted if not otherwise restricted.**

**16. All storage tanks and slush pits will be protected by dikes of sufficient capacity to protect the reservoir from pollution to flood pool elevation 1638.00 feet, for Canton Lake, National Geodetic Vertical Datum.**

**17. It is the responsibility of the lessee to identify and be aware of areas where entry is prohibited. There will be no surface or subsurface entry within 2,000 feet of the dam structure. A portion of the lease includes the Public Use Area, therefore, stipulation is applicable. Stipulation also applies to portions of the lease area.**

**18. The operator will immediately stop work and advise the District Engineer or his authorized representative if contamination is found in the operating area.**

**U. S. ARMY COE**  
**SPECIAL STIPULATIONS 1-A**  
**Fort Supply Lake**

- 1. This is a no surface occupancy lease.**
- 2. All oil and gas drilling and production operations shall be under the supervision of the District Manager, Bureau of Land Management (BLM), in accordance with 43 Code of Federal Regulations 3160.**
- 3. The Secretary of the Army or designee reserves the right to require cessation of operations if a national emergency arises or if the Army needs the leased property for a mission incompatible with lease operations. On approval from higher authority, the District Engineer will give notice of the required suspension. The lessee agrees to this condition and waives compensation for its exercise.**
- 4. If the District Engineer or his authorized representative discovers an imminent danger to safety or security which allows no time to consult the BLM, that person may order such activities stopped immediately. The District Manager, BLM, will be notified immediately, will review the order, and will determine the need for further remedial action.**
- 5. Lessee liability for damage to improvements shall include improvements of the Department of Defense. Lessee shall be liable for pollution and other damages, as a result of their operations, to Government-owned land and property and to the property of the Government's authorized surface user.**
- 6. Before beginning to drill, the lessee must consult with third parties authorized to use real estate in the lease area and must consider programs for which third parties have contractual responsibility.**
- 7. A license to conduct geophysical test on the leased area must be obtained separately from the District Engineer.**
- 8. That all rights under this lease are subordinate to the rights of the United States to flood and submerge the lands, permanently or intermittently, in connection with the operation and maintenance of the above-named project.**
- 9. That the United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the use and occupation of the said premises, or for damages to the property of the lessee, or for injuries to the person of the lessee's officers, agents, servants, or employees, or others who may be on said premises at their invitation or**

the invitation of any one of them arising from or incident to the flooding of the said premises by the Government or flooding from any other cause, or arising from or incident to any other Governmental activities; and the lessee shall hold the United States harmless from any and all such claims.

10. That the work performed by the lessee on the lands shall be under the general supervision of the District Engineer, Corps of Engineers in direct charge of the project and subject to such conditions and regulations as may be prescribed by him, and the plans and locations for all structures, appurtenances thereto, and work on said lands shall be submitted to the said District Engineer for approval in advance of commencement of any work on said lands. The District Engineer shall have the right to enter on the premises, at any time, to inspect both the installation and operational activities of the lessee.

11. That no structure or appurtenance thereto shall be of a material or construction determined to create floatable debris.

12. That the construction and operation of said structures and appurtenances thereto shall be of such a nature as not to cause pollution of the soils and the waters of the project.

13. That the United States reserves the right to use the land jointly with the lessee in connection with the construction, operation, and maintenance of the Government project and to place improvements thereon or to remove materials therefrom, including sand and gravel and other construction material, as may be necessary in connection with such work, and the lessee shall not interfere in any manner with such work or do any act which may increase the cost of performing such work. If the cost of the work performed on land outside the property included in the lease is made more expensive by reason of improvements constructed on the leased property by the lessee, the lessee shall pay to the United States money in the amount, as estimated by the Chief of Engineers, sufficient to compensate for the additional expense involved.

14. All areas with 2,000 feet of any major structure, including but not limited to the dam, spillway, or embankment, are restricted areas. The lessee, his operators, agents, or employees shall not utilize the surface of restricted areas for any purpose. Drilling operations in, on, or under the restricted areas, including drilling outside of the restricted areas which would cause a bore hole to be under the restricted area, will not be permitted. The restricted areas are included in the lease for the sole purpose of becoming part of a drilling unit so that the United States will share in the royalty of the unit.

**15. All existing or proposed public use areas, recreation areas, wildlife and waterfowl refuges, historical sites, and hiking and horseback trail areas may be leased for the sole purpose of becoming a part of a drilling unit. The lessee, his operators, agents, or employees will not use or enter upon the surface for any purpose. Directional drilling from non-public areas is permitted if not otherwise restricted.**

**16. All storage tanks and slush pits will be protected by dikes of sufficient capacity to protect the reservoir from pollution to flood pool elevation 2,028 feet, National Geodetic Vertical Datum.**

**17. It is the responsibility of the lessee to identify and be aware of areas where entry is prohibited. There will be no surface or subsurface entry within 2,000 feet of the dam structure. A portion of the lease includes the Public Use Area, therefore, stipulation is applicable. Stipulation also applies to portions of the lease area.**

**18. The operator will immediately stop work and advise the District Engineer or his authorized representative if contamination is found in the operating area.**

**STIPULATION FOR LANDS OF THE NATIONAL FOREST SYSTEM**  
**UNDER JURISDICTION OF**  
**DEPARTMENT OF AGRICULTURE**

The permittee/lessee must comply with all the rules and regulations of the Secretary of Agriculture set forth at Title 36, Chapter II, of the code of Federal Regulations governing the use and management of the National Forest System (NFS) when not inconsistent with the rights granted by the Secretary of the Interior in the permit. The Secretary of Agriculture's rules and regulations must be complied with for (1) all use and occupancy of the NFS prior to approval of an exploration plan by the Secretary of the Interior, (2) uses of all existing improvements, such as Forest development roads, within and outside the area permitted by the Secretary of the Interior, and (3) use and occupancy of the NFS not authorized by an exploration plan approved by the Secretary of the Interior.

All matters related to this stipulation are to be addressed

To : Forest Supervisor  
National Forests in Texas  
At : 701 North First St.  
Lufkin, TX 75901  
Telephone No : (409) 639-8501

Who is the authorized representative of the Secretary of Agriculture.



**CONTROLLED SURFACE USE STIPULATION**  
**NATIONAL FORESTS IN TEXAS**

Surface occupancy or use is subject to the following special operating constraints:

Portions of this lease contain streamside management zones (floodplains, wetlands). As a minimum, these areas are established within the 100 year floodplain of all intermittent streams and perennial streams, and 100 feet from the normal pool level contour of lakes. Site-specific proposals for surface-disturbing activities (such as pipelines and seismic surveys) within these areas will be analyzed and will normally result in establishment of protective requirements or limitations for the affected site. Surface occupancy for oil and gas wells will not be allowed within the streamside management zone. (MA-4-63)

On the lands described below:

For the purpose of: To meet visual quality objectives and protect streamside management zones in accordance with the National Forests and Grasslands in Texas Final Land and Resource Management Plan, dated March 28, 1996.

Any change to this stipulation will be made in accordance with the Land Use Plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

**CONTROLLED SURFACE USE STIPULATION**  
**NATIONAL FOREST IN TEXAS**

Surface occupancy or use is subject to the following special operating constraints:

**4-C National Recreation Hiking Trail. Proposals for drilling sites Located 150 feet or less from the trail may be subject to special requirements or limitations, such to be determined on a case-by-case basis.**

**Trail may be crossed by vehicles but may not be used as a travelway. Vehicles may not parallel the trail closer than 25 feet. When crossing the trail with vehicles any brush pushed into the trail must be totally removed from the trail. Shot holes will be placed no closer than 25 feet from the trail's edge to meet public safety requirements. If necessary, the shot holes may be required to be located farther than 25 feet from the trail.**

**On the lands described below:**

**For the purpose of: To protect the trail and meet visual quality objectives as per National Forests and Grasslands in Texas Final Land and Resource Management Plan, dated March 28, 1996.**

**Any change to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)**

**CONTROLLED SURFACE USE STIPULATION**  
**NATIONAL FORESTS IN TEXAS**

Surface occupancy or use is subject to the following special operating constraints:

Portions of this lease may contain large (greater than 40 acres) areas identified under the Texas Natural Heritage Program's Sensitive Plant and Natural Community Inventory. These areas may contain bogs and seeps or sensitive plants and plant communities. Site-specific proposals for surface-disturbing activities within these areas will be analyzed. Such analysis could result in establishment of protective requirements, limitations for the affected site, or possibly require relocation of the activities.

On the lands described below:

For the purpose of: To meet requirements of the National Forest Management Act of 1976 and regulation, 36 CFR 219.26. Also to protect and promote sustainable populations of unique plants or plant communities as per the National Forests and Grasslands in Texas Final Land and Resource Management Plan, dated March 28, 1996.

Any change to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

**CONTROLLED SURFACE USE STIPULATION**

Surface occupancy or use is subject to the following special operating constraints:

Portions of the land in this lease are, or may be, occupied by clusters of the endangered red-cockaded woodpecker. Exploration and development proposals may be modified and/or limited, including no surface occupancy, within 1/4 mile of an active red-cockaded woodpecker cluster. In addition, if foraging habitat is limited, no surface occupancy may occur within 1/2 mile of an active red-cockaded woodpecker cluster. Upon receipt of a site-specific proposal, the Forest Service will provide current inventory records of cluster locations and may require that localized surveys be performed to assure no uninventoried clusters are present. (MA-2-80-4.6)

On the lands described below:

For the purpose of:

To protect red-cockaded woodpecker clusters foraging and habitat areas in accordance with the National Forest and Grasslands in Texas Final Land and Resource Management Plan, dated March 28, 1996.

Any change to this stipulation will be made in accordance with the Land Use Plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

**FS8(TX)(LN#6)**

**LEASE NOTICE #6  
NATIONAL FORESTS IN TEXAS**

**Mt. Olive Church and cemetery lies within the southwestern portion of K-1-III Parcel #1.**

**NO SURFACE OCCUPANCY STIPULATION**  
**NATIONAL FORESTS IN TEXAS**

No surface occupancy or use is allowed on the lands described below:

**Ratcliff Lake Recreation Area, of which approximately 600 acres lie within Tract K-1a-V Parcel #1, except hand-laying of electronic gear or apparatus could be further considered. Vehicle traffic may be restricted in this area. Seismic work requiring use of explosives will not be allowed.**

**For the purpose of: To meet visual quality objectives and to protect recreation area values in accordance with MA-9a-72, Page 266, of the National Forests and Grasslands in Texas Final Land and Resource Management Plan, dated March 28, 1996.**

**Any change to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)**

**CORPS OF ENGINEERS**  
**TOWN BLUFF LAKE, TEXAS**

**1. NSO/ND - No Surface Occupancy and No Drilling**

This stipulation applies to all Corps of Engineers (COE) fee ownership within 3,000 horizontal feet of prime facilities critical to the operation of Town Bluff Lake. These facilities include the dam, spillway, outlet structure, levees and related structures. This stipulation allows the identified area to be included in a lease for the purpose of becoming a part of a drilling unit so that the United States will share in the royalty.

**2. NSO/DD - No Surface Occupancy, Open for Directional Drilling**

This stipulation applies to all designated parks, recreation areas, public use areas, wildlife management areas, archeological and historical sites, trails and roads, and the lake surface at the conservation pool elevation of 164.40 feet National Geodetic Vertical Datum (NGVD). Directional drilling is permitted from outside the identified areas where occupancy is allowed.

**3. NSO/ELEV - No Surface Occupancy Based on Elevation**

This stipulation prohibits surface occupancy on all lands lying at or below the elevation of the spillway crest or tainter gate sill where alternative surface ownership is available within the same drilling unit. At Town Bluff Lake, the spillway crest is at elevation 85.0 feet N.G.V.D. If no alternative surface ownership is available, in no case will surface occupancy be permitted below the 25-year frequency pool (as calculated by COE hydraulics engineering staff) or within 1,000 horizontal feet from the lake surface at the conservation pool elevation of 82.50 feet N.G.V.D. The purpose of this stipulation is to protect the integrity of Town Bluff Lake land and water resources.

**Note:** The surface acreage affected by the above stipulation is provided as follows:

Lake surface at conservation pool.....	13,700
Designated Parks/Recreation Areas.....	2,185
Wildlife Management Areas.....	13,345
Lake Operations.....	171
Area below 25-year frequency pool.....	To be determined
Archeological/Historical Sites.....	To be determined

**STATEMENT OF AVAILABILITY  
PROPOSED OIL AND GAS LEASING  
TOWN BLUFF LAKE, TEXAS**

- 1. It is the policy of Department of Defense to make lands available to the maximum extent possible for mineral exploration and extraction, consistent with military operations, national defense activities, and Army civil works activities. The lands requested are not situated within incorporated cities, towns, or villages. There are no known legal policy or military considerations that adversely affect the proposed oil and gas leasing.**
- 2. A lease application for the lands requested was submitted to the Bureau of Land Management (BLM) under noncompetitive terms. BLM is the lead agency for mineral leasing actions.**
- 3. The lands requested are safe for nonmilitary purposes.**
- 4. The area requested includes 477.1 acres of project lands. There are no improvements included in the proposed lease.**
- 5. The land is not being made available for a public road.**
- 6. There are no buildings or other improvements included in the proposed lease.**
- 7. The land requested for oil and gas leasing is necessary for project purposes and cannot be reported excess. The multiple-use contemplated by the proposed oil and gas leasing will not adversely affect use of project lands for project purposes.**
- 8. In accordance with AR 405-30 (para 7.g.) BLM will prepare the necessary environmental and cultural documents before deciding to lease the proposed area.**
- 9. A subsurface estate is being requested. The requested areas are not included in the National Register or Historic Places. Surface occupancy requests will include an evaluation of the proposed area considering the requirements of Executive Order 11593 and the National Historic Preservation Act of 1966.**
- 10. Portions of the area may be subject to flooding. Surface occupancy pursuant to exploration activity will include evaluations and appropriate action regarding potential flooding. The use of any existing structures is not included in the proposed oil and gas lease.**



- 11. The proposed leasing activity will not require or include destruction, relocation or replacement of Government structures.**
- 12. The proposed oil and gas leasing or revocation of such should not prove embarrassing to the Department of the Army.**
- 13. Surface use activities pursuant to the proposed oil and gas lease will be conducted in conformity with authorized project purposes and in accordance with lease terms and conditions and surface use conditions included in the BLM Application or Permit to Drill, at such time as it is approved or later modified.**
- 14. The requested area is available for the primary term of the lease and any subsequent extension resulting from production in paying quantities.**
- 15. An estimate of fair market value is not considered applicable since the rental amount is set by law and regulation.**
- 16. The property is not to be used for vehicle speed contests.**
- 17. The proposed leasing does not jeopardize the habitat of any endangered or threatened species. Any surface use pursuant to exploration and production on the leased area will be considered in light of the potential to adversely effect such habitat.**
- 18. The proposed leasing activity does not affect any approved State Coastal Zone Management Plan.**
- 19. A waiver of competition is recommended. The proposed lease was offered noncompetitively according to the Mineral Leasing Act for Acquired Lands, 30 USC 351 et. seq.**
- 20. There are no other conditions of significance known at this time.**